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PARK'S FLORAL MAGAZINE

A MONTHLY JOURNAL OF FLORICULTURE

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La Park, Pa., April, 1916.

No. 4.

FAITH—THE KEY.

Long I sought through the realms of thought
For the key to the soul's release;
But finding all vain to my lips of pain,
Faith held her portion of peace.

Gorman, Tex.

Mrs. Baxter Barron.

GERANIUMS INDOORS AND OUTDOORS.

TO HAVE Geranium flowers in the plant window in winter get such varieties as Mrs. Hill, Dryden, Souv. de Miranda and Gen. Grant, and give them a sunny window in winter, keeping the temperature 60 degrees at night and 70 to 75 degrees in daytime, the atmosphere being kept moist by shallow, open pans of water upon the register or radiator. Get small plants in spring or early summer, pot in three-inch pots and shift into larger pots as they grow. Plunge these in a bed in a partially shaded place outdoors, mulching over the pots with stable litter. Pinch out any buds that appear, and encourage a bushy growth by shifting and pinching the tops. Such plants will be in fine condition to yield a fine lot of clusters

during winter. Do not try to have Geranium flowers in winter, however, if you do not have a southern exposure. Two parts sand, one part half-rotted sods and one part well-rotted manure will develop good plants, and if some Sphagnum Moss is kept over the pots it will promote a moist and favorable temperature.

For the development of fine outdoor Geraniums get the semi-double dwarf varieties, such as Ricard, Beaute Poitvine, Double Gen.

Grant, Jean Viaud, S. A. Nutt, and Miss F. Perkins, and set them in rich, well-prepared beds in a sunny exposure. The plants should be taken from three-inch or four-inch pots, and set eight inches apart, the soil being pressed firmly about the ball of earth. Keep well-watered until growth begins, then mulch the bed with stable litter. The mulch will keep the soil moist and cool, and every time the bed is watered either by a shower of rain or by the hose the water passing through the litter will carry available fertility to the roots, making free growth and bloom. In Europe the single-flowered Geranium, Paul Crampel, makes a glorious display in a bed upon the lawn, but

that sort will not well endure the hot sun in the United States. The varieties above recommended, however, will grow and bloom in the hottest sun, if kept well watered, and there is hardly a more showy bedding plant to be used than these semi-dwarf, free-blooming, beautiful Geraniums.



GERANIUM PLANT IN BLOOM.

Wintering Pond Lilies.

When grown in tubs Pond Lilies can be kept over winter by placing the tubs in a frost-proof room or building. Or, the tubs can be sunk in the ground and covered

with manure or straw or leaves in sufficient quantity to keep out the frost. When in ponds the plants need no protection, provided the water is two feet or more deep, or deep enough to form a frost-proof covering for the plants. If the pond is shallow, manure, coarse fodder, straw or leaves may be used as a protection. The protection required depends upon the temperature, and will vary in different parts of the country.

Park's Floral Magazine.

A Monthly. Entirely Floral.

GEO. W. PARK, B. Sc., Editor and Proprietor,
LA PARK, LANCASTER CO., PA.

The Editor invites correspondence from all who love and cultivate flowers.

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[Entered at La Park, Pa., postoffice as second class mail matter.]

STATEMENT REQUIRED BY ACT OF CONGRESS OF AUGUST 24TH, 1912.

This is to certify that Geo. W. Park, LaPark, Pa., has appeared before me and certified that he is the owner, publisher, manager, and editor of the monthly publication, Park's Floral Magazine, published at LaPark, Pa., and that there are no bond-holders, no mortgages, or no other security holders. (Signed) Geo. W. PARK.

Sworn and subscribed before me this 21st day of Mar., 1916, JOHN WEAVER, Justice of the Peace, Gordonville, Pennsylvania. Commission expires Jan. 2, 1918.

APRIL, 1916.

Clematis Jackmanii.—This vine is started from seeds, which often lie dormant for two years. It is also started from layers and grafts, the work being attended to in spring. The plants are often "miffy," or of uncertain life. Often a healthy plant will suddenly wilt and die without any apparent cause.

Lilium Henryii.—The new giant Lily advertised as Lilium Henryii belongs to the Speciosum family, and is perfectly hardy and of easy culture. The plant increases in size as the bulb becomes stronger, and in a deep, rich soil will reach the height of eight or ten feet, branching and becoming a veritable Lily tree, the flowers orange-red and approaching the Auratum in size, while the clump is much more attractive. It deserves a place in every garden collection.

Asparagus Fern.—Asparagus plumosus, Asparagus tenuissimus, and Asparagus Comorensis are often called Asparagus Ferns, because of the delicate character of their foliage. They delight in rich, porous soil, and to be shifted into large pots as they grow. See that drainage is good, keep the soil moist but not wet, and give a rather sunny situation. The plants will not do well in continuous shade, nor will they thrive in a wet, mucky soil. All of the species are easily propagated from seeds, but the seeds mostly require from one to three months to germinate.

"Aster Bugs."—The black beetle that proves so destructive to Aster flowers can be eradicated by giving the children a cent or two per hundred for picking them. As soon as the plant is disturbed these beetles, Possum-like, drop to the earth and appear as dead, and can be readily gathered. The same insect attacks Dahlia flowers when they cannot find Asters. There is also a striped beetle that troubles Aster flowers. The remedy, aside from picking, is to syringe the plants with arsenate of lead, using an ounce of arsenate to two gallons of water. Apply frequently while the flowers are opening, until the pest disappears.

SALVIA SEEDLINGS.

PLANTS of the different species and varieties of Salvia are easily raised from seeds, but the seeds are sometimes tardy in starting. Sow in sandy soil and keep it moist, but not wet, until the plants appear, which will be in from two to four weeks. When the little plants begin to crowd prick them out and set them two inches apart in a shallow flat or



box of soil. Here they will become well-rooted and stocky, and in a fine condition to re-set where they are to bloom. Salvia splendens, in its many varieties, is the most showy and desirable for a summer

bed, but the individual flowers of Salvia coccinea are large and fine, and the compact variety of that species is exceedingly handsome for pots. Salvia patens is the beautiful, tall, blue-flowered, tuberous-rooted species, often used in groups of such plants as Amaranthus, Artemisia and Polygonum; and Salvia pratensis is the elegant violet blue hardy perennial so much prized for beds. All are propagated from seeds.

Cyclamen.—Plants of Cyclamen should not be allowed to dry out, nor should the soil be kept wet. Carelessness in watering is responsible for many of the plant's ills. A rather sunny window is preferable, and the pots can be plunged in sphagnum moss in a shallow box, with sphagnum moss over the soil, to prevent rapid evaporation of moisture from the soil. The plants like a moist, rather cool temperature. If they need a fertilizer stir some pulverized sheep manure into the surface soil.

Blue Flowers in Winter.—Among other plants there are two bearing blue flowers which bloom well in winter in the window when given ordinary care; they are Browallia speciosa and Eranthemum pulchellum. Get these plants in summer, pot in three-inch pots, and when the roots begin to crowd shift into larger pots, until they occupy five-inch pots. Give a sunny window and the plants should bloom freely until spring.

Easter Lily.—An Easter Lily should be potted with a handful of sharp sand around it, and should be covered two inches deep, the soil being very sandy, porous and well-drained. The bulb requires from four to five months to develop flowers, and should not be hurried. The atmosphere should be moist and cool, and direct sunshine, not too hot, will promote growth after the bulb is well rooted, and in growing condition.

LIGULARIA JAPONICA.

THE engraving represents the bold, sinuated foliage and golden flowers of *Ligularia Japonica*, a plant belonging to the Natural Order Compositae, and classed by the botanists, Bentham and Hooker, as a species of *Senecio*. It is not a hardy plant, but

large collections. *Ligularia macrophylla* is a better known hardy species, with large radical leaves and flowers in tall, showy spikes.

Soil Cracking.—Soil that is naturally compact and devoid of humus or fibrous material will often become hard, and crack into big, deep seams during a drouth. To avoid

***Ligularia japonica.***

can be wintered in a frost-proof room and bedded out in summer. It is bold and showy, and is better adapted for the background than a prominent place, as it is rather coarse in the texture of both leaf and flower.

This plant will grow from three to four feet high, and likes a deep, rich, moist soil. It is a plant but little known, but deserves a place in

this spade the ground deep, and incorporate with it a liberal quantity of sharp sand, partially decayed turf, pulverized horse manure or stable litter and leaf mould or woods earth, if such can be procured. These materials well intermixed with the soil will admit the air evenly, hold the moisture, and prevent the excessive cracking which is detrimental to plant growth as well as detrimental to the eye.

EDITORIAL LETTER.

MY DEAR FRIENDS:—Now that spring is at hand you are all more or less interested in knowing what seeds and plants to obtain for the decoration of your home and grounds. Many very beautiful foliage and flowering plants may be readily grown from seeds, and for the summer display outdoors the annuals are deservedly popular, being inexpensive and blooming freely and continuously throughout the season.



SWEET ALYSSUM.

For a dwarf edging get Sweet Alyssum, white; Ageratum, Little Blue Star, blue; Dwarf French Marigold, yellow and red; Chrysanthemum Coronarium, Dwarf Double, yellow; Portulaca, various colors; Nasturtium, Tom Thumb, various colors; Lobelia, Barnard's Perpetual, blue. These all grow from five to eight inches high, and bloom profusely during summer and autumn.

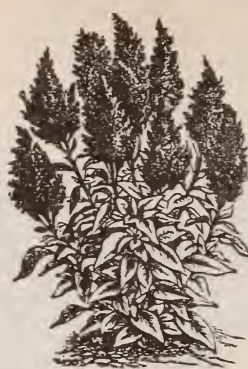
For an edging or border a foot high get Ageratum Imperial Dwarf, blue; Antirrhinum Tom Thumb, various colors; Celosia cristata nana, Glasgow Prize, crimson; Eschscholtzia Golden West, golden; Tagetes signata pumila, yellow, marked brown; Petunia compacta, various colors; Phlox Drummondii grand., various colors; Aster Chrysanthemum-flowered dwarf, various colors; Verbena compacta, various colors; Ten Weeks' Stock, Dwarf German, various colors. All of these you can depend upon to bloom freely during summer and autumn, if the plants are started early.



TAGETES SIGNATA PUMILA.

The plants growing from two to three feet high: Ageratum Mexicanum, blue; Antirrhinum or Snapdragon, tall, in colors; Aster, American branching, tall, in colors; Calliopsis, tall, mixed; Celosia pyramidalis magnifica, scarlet and gold; Lavatera trimestris, pink and white, tall French and African Marigolds; Salvia splendens, scarlet; Bedding Zinnia, double, in colors.

As to the hardy perennials there are few that bloom freely and continuously. The following

CELOSIA PYRAMIDALIS
MAGNIFICA.

are the best: Gaillardia grandiflora, one foot high; Delphinium elatum hybridum, four to six feet high; Perennial Pea, three to six feet high, according to support given; Salvia pratensis, 15 to 18 inches; Shasta Daisy, two to four feet high; Cereopsis lanceolata, 15 to 18 inches high; Hollyhocks, four to six feet high. Some of these bloom freely in June and sparingly throughout the autumn. They are all beautiful, and when once established will last for years.

Among tender plants there is nothing that can excel Geraniums for a low bed. The plants, especially of the dwarf, double-flowered varieties known as Alphonse Richard, vermilion scarlet; Jean Viaud, pink; S. A. Nutt, dark red; Mme. Buchner, white; John Doyle, rich, deep scarlet: will endure the sun and bear continuously an abundance of big, showy clusters of bloom. There are no better bedding Geraniums than these. For a bed of taller plants Salvia splendens is wonderfully showy, and is beautiful until frost. It can be bordered with Centaurea candidissima, a graceful silver-leaved plant.



GERANIUM.

Large-flowered Cannas, growing from three to five feet high, make a gorgeous display throughout summer and autumn. The flowers come in immense trusses, are bright and showy, and are strikingly set off by the massive green and bronze foliage. King Humbert, four feet high, with bronze foliage and crimson-scarlet trusses, is one of the best of the dark varieties, and Richard Wallace, three feet high, with green foliage, is perhaps the best yellow.



CANNA.

All of these plants thrive in sunshine, in rich, porous soil well watered during summer. The Cannas are semi-aquatic plants of the tropics, and like heat, sunshine and moisture. They grow all the better if the bed is well mulched with stable litter on the approach of hot weather, as the mulch tends to enrich the soil, keep it cool, and prevent the rapid evaporation of the moisture.

Wishing you all abundant success and much pleasure with your flowers this season, I remain, sincerely yours,

Geo. W. Park.

La Park, Pa., March 30, 1916.

THE CHRISTMAS CACTUS.

CHRISTMAS Cactus is the name generally applied to *Epiphyllum truncatum*, a graceful, drooping, spineless Cactus that is always freely in bloom during mid-winter. The plant grows rapidly, branches and becomes massive and shapely, and the peculiarly formed, waxy, pink flowers are mostly borne at the tip of the branches. Anybody can care for the plant satisfactorily. It only needs to be kept from frost and watered enough to keep it from drying out. Poor drainage and watering too freely will cause the soil to turn sour, when the roots will decay, and the plant will begin to wither.

When the plant loses its roots cut away the decayed parts and repot in very sandy fresh soil, inserting the branches to the depth of two inches. New roots will soon develop and the plant will assume its usual vigor. This Cactus, like most other species, rarely suffers from

ORANGE AND LEMON.

THESE plants need a very sandy, well-drained soil, and to be grown in full sunshine. If grown in heavy, insufficiently drained soil freely watered the soil will soon turn sour and unhealthy, which state can be detected by its peculiar odor. In such soil the plant will drop its foliage, flowers and fruit, and have an unsightly appearance. Repot in a fresh, sandy compost with good drainage, at the same time trimming out superfluous or sickly branches, and cutting back the top to a symmetrical form. Pot firmly, shade for a few days, then set the pot in a jardiniere and place sphagnum moss between, also over the soil. In summer, if you wish, you can plunge the pot in a sunny bed outdoors.

Oxalis in Winter.—If you wish Oxalis plants to bloom well in winter rest them in summer, giving them a sunny place in the gar-



CHRISTMAS CACTUS.

drouth, but is quickly injured by watering too freely. The engraving was made from a photograph of a plant in full bloom at Christmas.

Parlor Ivy.—This is one of the best of vines for draping in a room, around a mirror or along a wall. It will thrive without direct sunlight, making a rapid, healthy growth, and requiring only a string for support. It is well, however, to see that the atmosphere is not too dry and hot, as this is liable to make the leaves brown at the edges. To regulate the atmosphere place open shallow pans of water upon the register, radiator or stove. A temperature unhealthy for a plant is unhealthy for a human being. The Parlor Ivy likes a rich, well-drained soil, and a regular supply of water. Some years ago it was a popular window plant, but recently it has been displaced by other plants of less value. Its popularity should be restored.

den. The Buttercup Oxalis bulbs purchased in autumn will naturally bloom in winter, having been dried off during summer. *Oxalis floribunda* is a good winter-bloomer when not encouraged to grow and bloom in summer. Some kinds, however, are strictly for summer use, and should not be expected to bloom in winter.

Aster Aphis.—Aster plants are liable to an attack of root-aphis just before they are ready to bloom, causing the foliage and stems to wither and the plants to die. To avoid the pest apply fresh-burned lime to the bed just before winter sets in, and work it thoroughly into the soil. Then, in spring, after setting the plants, place a handful of tobacco dust around each plant. The tobacco will act as a fertilizer, as well as an aphis remedy. Other plants are more or less affected by this pest, but the Aster seems most liable to its attack.

HYBRID PETUNIAS.

THE PETUNIA really possesses all of the elements of a first-class flower, and is deserving of the widest popularity.

Plants are easily and quickly grown from seeds, begin to bloom in a few weeks, and bloom freely and continuously until after severe frosts; they endure drouth, the hottest

bedding, and may also be satisfactorily grown upon a garden trellis or fence. The flowers are large and showy, funnel-shaped, and of single and double forms; they are deliciously fragrant, and a bed of them will perfume a whole garden; they show a wide range of colors from white to velvety red and blue, and many are variegated in the most striking and attractive manner; each flower lasts for several days, and



sunshine, and will grow in almost any soil or situation; they not only bloom abundantly throughout summer, but if grown in pots will bloom well in the window or conservatory throughout the winter, and may then be cut back and used for summer beds; they endure frost, and in the South will bloom outdoors all winter; they are the best of seedling plants for

then fades unnoticed and is replaced by others.

Flower lovers, whatever plants you cultivate, and whatever seeds or plants you order, do not forget the Petunia. Get several packets of seeds of the different classes or kinds, and sow them carefully in boxes, and set the plants freely in pots, boxes, borders or beds. Or buy the plants by the dozen or hundred.

ABOUT ESCHSCHOLTZIA.

THIS genus of beautiful Poppyworts was found in the States bordering on the Pacific Ocean, and the various species, which by some botanists are thought to be simple varieties, were introduced in the early part of the last century. The name was given in honor of J. F. Eschscholtz, M. D., a famous German naturalist who lived from 1793 to 1831, and who accompanied Kotzebue, a Russian navigator, in a trip around the world.

The plants are annuals a foot high, easily grown from seeds, which may be sown in the fall in a mild climate, and in the spring where

many persons, preferred to the double-flowered Eschscholtzias, which are more or less praised for their beauty.

Seeds of Eschscholtzias should be sown where the plants are to bloom, as they are difficult to transplant. At the north sow in the spring as early as the ground can be worked, but at the south fall sowing is preferred. Sow thinly in a sunny bed, the seeds from a sixteenth to an eighth inch deep. Thin the plants where they crowd, and keep well cultivated until they begin to bloom, when they may be mulched with stable litter and allowed to take care of themselves. The mulch will fertilize the soil and keep it moist and cool during the hot months.



ESCHSCHOLTZIA.

winters are severe. The plants grow quickly, soon stool out into dense-foliaged clumps, above which appear upon long stems the bright, cup-shaped white flowers in various colors, from white to crimson, and through the handsome shades of yellow to bright orange.

For a border or edging the Eschscholtzias are well adapted, for the silvery or fine-cut foliage is always dense and clean and attractive, and the flowers are borne freely and continuously throughout the summer and autumn, when seed-bearing is prevented. The single-flowered varieties represented in the colored engraving are very graceful and beautiful, and are, by

Sand.—Sand does not hold moisture, but promotes drainage and the access of air to the roots, and to many plants, especially Alpine plants, it is a very important part of the soil. It should form a large part of the compost for Coleus, Caladium, Cactus, Poinsettia, Geranium and Canna. Caladium and Canna are semi-aquatic plants, and during the growing season are not likely to get too much water. They will also grow with less sunlight than many other things. Sharp, clean sand, however, should be freely used in forming a compost, if you would secure the best results from the majority of fine foliage and flowering plants.

CHILDREN'S LETTER



MY DEAR CHILDREN:—I wish I could impress upon you the importance of the habit of close observation; that is, taking careful notice of the details of every worthy thing or event that day by day deserves your attention. With many persons a mere passing notice is all that is given, even to matters that concern their personal welfare or the welfare of others. You will find that when you once acquire this habit it will serve you beneficially throughout life. It is upon the knowledge you have, and the skill with which you marshal the facts stored in the mind that your judgment is wise or foolish, that your counsel is reliable or deficient. It is, indeed, the chief requisite to success in life; without it life is often a miserable failure. You

go to school in order to develop the habit of close observation, and the boy or girl who acts as an apprentice to learn a trade is simply spending his time in acquiring closer observation and consequent skill in the work he or she wishes to pursue in life.

The recent interest shown in Nature studies in our schools and colleges is to be commended, for perhaps in no other field of study can the habit of observation be developed in a more practical manner. The pupil is taught to first observe the landscape, its elements of beauty as revealed in the hills and meadows and streams; its forests and fields and roadways; its trees and vines and fence rows, its background of village or mountain or sky. Then taking up these elements separately the mind of the pupil is led to consider everything more or less in detail. Thus a four years' course of study can be readily mapped out, and at the end of that time the learner will just begin to

realize the boundlessness of Nature's realm and the infinite variety and complexity of the subjects for study.

Come with me, my little friends, this bright morning in March, and let us notice the trees. As we pass along the tree-lined road I want you to observe how the tops of specimens fully exposed to the wind are more or less sloughed off upon the west side. They seem to be leaning toward the east. What do you suppose caused this stunted growth? Well, it was caused by the excessive western breeze. In Holland this stunted growth is much more apparent than in most parts of America; but you will notice it here wherever a strong western breeze has free access to the tree tops.

Over in that group of trees across the road, do you see one near the edge leaning out from beneath its taller companions? Why does it bend over in this fashion? It is because the tops want more light. In summer the leaves crave freedom. They want to breathe the pure,

moist air; they want to feel the pattering of the soft, warm rain drops; they want the fervent kiss of the gentle sunshine upon their cheeks. And so, to favor its leaf-children, the tree bends and then stretches to the light, and is so intent upon pleasing them that

it will never

be able to straighten up and grow erect again.

On the river bank that tall, spreading tree with stocky twigs and swelling buds is the Tulip Tree, *Liriodendron tulipifera*. It is one of the most beautiful of our native trees, the foliage being very dense, clean and graceful, and held until autumn, when it changes to a clear, pleasing yellow before dropping off. The fat buds you notice in spring develop into big Tulip-like flowers, late in June or early in July, the massive petals yellow shading to green, and showing a bright orange cheek (see engraving). This is one of our best timber trees, and the lumber is known as Poplar. It is a fine shade tree, and free from insects and fungi.

Over by that farm building you see a tall, upright tree, probably 75 feet high, and not more than six feet wide, the numerous branches slender and graceful and erect. That is the Lombardy Poplar, *Populus dilatata*. It looks like a slender shaft pushing upwards as if to



FLOWERS OF THE TULIP TREE.

pierce the clouds. How attractive it appears upon the landscape! Its near relative, the Carolina Poplar, *Populus deltoides*, shows in the tall group beyond, the trees quite as tall as the Lombardy trees, but not so erect or narrow. This is one of our most vigorous trees, and in good soil will produce large logs for lumber in from ten to fifteen years.

Over near to the farm barn is a Russian Mulberry. This tree branches from the ground, and spreads out like a huge fan, each branch forking and reforking until it becomes a mass of twigs. In the spring these twigs are wreaths of bloom, and later of small red and black fruits that are especially relished by the birds.

Over the stream is a huge native Sycamore or Plane tree, eighty feet high, picturesque in shape, its big trunk and branches as white as paper, except where some bits of the outer bark still cling to the surface. How beautiful it is, and how showy, for aside from its handsome bark the branches are still decorated as they have been throughout the winter, with the graceful, swinging seed-balls, globular and from one to two inches across. In summer this forest giant is clothed with big, scolloped leaves, admirable in form, and affording a most grateful shade.

And how interesting are the White Oaks, *Quercus alba*, Large-cup Oak, *Quercus Macrocarpa*, Chestnut Oak, *Quercus Prinos*, Swamp White Oak, *Quercus bicolor*, Red Oak, *Quercus rubra*, Scarlet Oak, *Quercus coccinea*, and Black Oak, *Quercus tinctoria*, and other species found in the Eastern States, together with the families of our native trees.

When we consider each tree separately—its size and outline, its bark, leaves, flowers, fruits, and its habits, adaptations, and its peculiarities, it will be readily observed how wide and complex is the subject of trees, and how very much wider is the whole field of Nature. Let us keep our eyes open and our mind alert when we are out in Nature's Great Work Shop, for the information gained will not only afford us pleasure in its acquirement, but be a source of personal satisfaction and profit in the busy years to come. Sincerely. Geo. W. Park.

La Park, Pa., March 23, 1916.

Black Blight.—Occasionally fungus attacks the foliage of *Heliotrope*, *Manettia bicolor* and Chinese Primroses gradually turning the leaves black and lifeless. The remedy is to dust lime and sulphur over the soil and pots, and give the plants a sunny and open situation. The disease mostly appears where the soil is unhealthy, and this is due to lack of air and sunshine.

Otaheite Orange.—This shrub can be pruned with benefit when the branches are too dense, or when sickly or dead branches appear. Always cut away the dead or sickly or superfluous branches in pruning. The plant thrives in sandy soil and in full sunshine, and the pot can be plunged in a sunny bed outdoors during summer.

ABOUT FEVERFEW.

WHAT we know as Feverfew you will generally find catalogued under the generic name *Pyrethrum*, and the specific name *parthenifolium*. Some varieties are dwarf, with fine-cut, feathery, golden foliage, and are used as edgings for beds of taller plants. The so-called Golden Feather is one of these. Others are prized for their flowers, which are borne upon branching stalks from one foot to two feet high, each flower showing a marginal row of broad, guard "petals," with a semi-globular disk of small tubular florets, as indicated in the little engraving. They remain long in bloom, and are wonderfully attractive in a hedge or border. The flowers are cream-white. The foliage is pretty, and when disturbed has an odor that is liked by some persons, but disliked by others.



Plants are easily grown from seeds, and should be set six or eight inches apart in a sunny bed. They quickly come into bloom, and when grown one year the supply is mostly kept up by volunteer seedling plants every spring. The old plants, too, will winter safely, if not exhausted by blooming and seeding, and hence will do service from year to year. When we consider the merit of these plants, and the ease with which they may be grown, it seems strange that they are not more popular. They deserve more attention.

White and Black Flies.—White flies congregate upon the under side of leaves of *Fuchsias*, *Salvia*, *Nasturtium* and some other greenhouse plants. They are not easily killed. Perhaps the best remedy is to syringe the under part of the leaves with lime-sulphur solution, using one part solution to fifteen parts of water, adding a little lime in powder form, enough to give the foliage a silvery color. Black flies appear where the soil becomes sour, and a good remedy is to let the soil become almost dry, then apply lime water until the ball of earth is thoroughly saturated. Two or three such treatments will not only eradicate the flies, but put the soil into favorable condition for the growth of the plants. If the soil is very soggy and sour it is better to repot the plants in a fresh, porous, healthy composite, discarding entirely the infested soil.

Starting Canna Seeds.—Soak Canna seeds in warm water (not hot) for several days, or until they show signs of sprouting; then place a fourth-inch deep in sandy soil and keep moist, but not wet, until the plant appears.

CLEMATIS PANICULATA.

MORE than a century ago the beautiful hardy *Clematis paniculata* was introduced from Japan, and its hardiness, tenacity, freedom from insects and diseases, together with its dense, pretty foliage and profusion of white flowers quickly made it a favorite. Today it is, perhaps, the most popular of the *Clematis* family, and a source of pleasure and satisfaction to all who have it. Its time of blooming is in early autumn, and a vine in bloom becomes a sheet of white, and makes the surroundings redolent with sweet perfume. After the flowers fade the clusters of seeds with their white, woolly appendages make a fine display, which is continued until the appearance of the early winter snows.

Plants are easily grown from seeds sown early in spring, and in three years they will

TREATMENT OF FUCHSIAS.

FUCHSIAS are summer-blooming plants, and should have a season of rest during winter. This is given by setting them in a cool but frost-proof room and watering them sparingly. Early in the spring repot those that need more root-room, using a compost of two parts sand, and one part each of leaf-mould, half-rotted sods and thoroughly decayed manure. Place some coarse gravel in the bottom of the pots, over this a layer of sphagnum moss, and then fill in the compost around the ball of the roots. At the same time cut the tops of the plants back severely. Firm the soil well in potting, and keep watered moderately and shaded till growth begins, when they should have more water and more sunshine, but be shielded from the hot sun of midday. Place some sphagnum



BLOOMING VINE OF CLEMATIS PANICULATA.

develop into strong blooming plants. They like rich loam, and require a good trellis for support. The main vines do not die off in winter, but the side branches do, and should be removed early, before growth begins. Plants may also be grown by layers of the robust vines. Layers put down in early autumn will be rooted and ready the next season to plant where they are wanted. The engraving was made from a blooming plant at the Editor's residence during the past summer.

Umbrella Plant.—This plant (*Cyperus*) becomes large and attractive in a large pot. See that drainage is good, and water liberally while growing. Rest it after the tops mature and bloom, then cut the stems all off and repot in rich, sandy soil, using a large pot. Apply weak liquid manure occasionally.

moss over the soil in the pots and keep the soil moist but not wet. Once each fortnight apply some weak liquid manure. A small portion of lime stirred into the surface soil will be beneficial. In summer avoid the hot sunshine against the sides of the pot. If kept upon the porch set the pots inside larger pots and fill in between with sphagnum moss. Or, you can plunge the pots in soil or coal ashes outdoors upon the east side of the house, or remove the pots and set in a bed where the plants will be shielded from the wind and the hot sunshine of midday.

Tuberous Begonias.—In preparing potting compost allow the crown of Tuberous Begonias to protrude above the earth. If the atmosphere is dry and hot, however, the tubers can be covered with sharp sand to keep them from drying out.

QUESTIONS AND ANSWERS.

Clarkia.—Mr. Park: When I ordered my seeds last spring a packet of mixed seeds was sent gratis, and I cannot tell you how much pleasure those seeds gave me. There were so many new plants came from them, and one was especially beautiful. It grew a foot high, the leaves rich green and the flowers somewhat like a very double *Althea*, but only about three inches in diameter. When they first opened they were pale pink, but in a day or two they turned to a dark pink. It was through blooming in July, and then dead. I am going to draw a sprig from memory. Can you tell me what it is?—A. A. Brockmann, Pittsburg, Pa., Oct. 12, 1915.

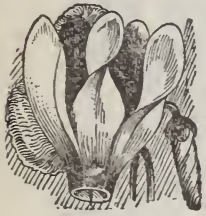
Ans.—The description and drawing indicate the pretty annual, *Clarkia elegans*, the flowers of which come in many colors, are double, axillary, and very freely produced. Each flower is borne at the tip of a long seed-pod.

Annuals for Shade.—Mr. Park: Please give me the names of annual flowers which will bloom in a shady situation.—Mrs. Middleton, Calif.

Ans.—Among annuals suitable for shade may be named *Adonis aestivalis*, *Brachycome*, *Balsam*, *Myosotis*, *Cineraria scabiosaefolia*, *Kenilworth Ivy*, and *Mimulus*. A great many annuals will thrive in a situation where they will get direct sunlight for part of the day, but there are few that will grow and bloom satisfactorily in a very shady place. The *Balsam* is one of the best of these, being easily grown from seeds, and blooming continuously throughout the season.

Cyclamen.—Mr. Park: This winter I got a white *Cyclamen* plant in full bloom from the greenhouse, and in a few weeks the buds on instead of maturing, grew limp and fell over. I discovered two rather long worms in the soil. How shall I treat the plant?—Mrs. Hahn, Iowa, March 5, 1916.

Ans.—The worms were probably earth worms, and were not seriously offensive, but to



free the soil of such withhold water until the soil seems rather dry, then water freely with lime water and pat upon the surface with the fingers. The worms will soon appear, and can be removed. The cause of the buds drooping was the

change from the moist, warm atmosphere of the greenhouse to the dry, hot atmosphere of the living room. To overcome this set the pot in a large saucer filled with *Sphagnum Moss*, and keep the water in the saucer constantly. The rising moisture due to evaporation will moisten and cool the air, and promote the healthy development of the leaves, buds and flowers. As soon as danger of frost is past plunge the pot outdoors at the east side of the house, and let it remain there until the approach of frost, when it can be lifted and given its place in the plant window. If the weather should be dry in summer keep the plant watered, as a drouth is injurious to it.

Resurrection Plant.—Mr. Park: Please tell me how to care for a *Resurrection Plant*. Mine does not grow, and the leaves turn yellow.—Miss Schneider, Pa.

Ans.—The *Resurrection Plants* distributed by mail as a novelty by some publishers, are

gathered in sections of country where they grow and increase naturally. When removed to the plant window and potted or placed in water, they should not be expected to grow, although they will develop or open when placed in water, and will roll up into a ball when dried. The plant is more of a curiosity than an object of room decoration.

Boston Fern.—Mr. Park: Please tell me how to care for a *Boston Fern*, and whether it requires sunshine or not.—Mrs. Cummins, Pa., March 4, 1916.

Ans.—The *Boston Fern* requires good light,

and sunshine part of the time. It will do well in partial shade. But the chief requirement is a porous, rich soil with good drainage, and free applications of water. One part pure sand, one part sandy leaf-mould or woods earth, one part half-rotted sods and one part well-rotted manure, all well mixed, will be found a good compost.



To make the material more loose and porous some florists mix with it spent hops, and some pulverize dried *Sphagnum Moss* and incorporate with it, using such quantity as their judgment dictates. Shift the plant into a larger pot occasionally, and cut away the runners that appear, or tuck the young plants in around the margin of the pot. Syringe frequently, and apply occasionally a weak liquid fertilizer.

Rubber Plant.—Mr. Park: I have a *Rubber Plant* that grows nicely during summer on the porch, but indoors in winter the leaves at the bottom turn brown and dry and drop off. How should it be treated?—Mrs. Heal, Mich.

Ans.—Place the pot containing your *Rubber Plant* inside a larger pot and fill in between with *Sphagnum Moss*. Also, place a layer of *Sphagnum Moss* over the surface. This will insure an even amount of moisture in the soil, and tend to overcome the dryness and heat of the room atmosphere. If you wish new sprouts cut out the top at the point you wish them to issue. The whole top can be cut off early in spring, and a new sprout encouraged to push out near the ground, which will grow rapidly and replace the old one, being clothed with leaves from the base. If only one sprout is wanted remove, while young, the inferior sprouts.

A Host of Pests.—Mr. Park: How can I get rid of plant lice? They are on my *Roses*. My plants are also troubled with gnats, ants, snails, gophers, moles and caterpillars. Give a remedy for them, also.—W. W. Gilespe, Calif., Feb. 22, 1916.

Ans.—Spray your plants with lime-sulphur solution, using one part solution to 15 parts water, adding an ounce of arsenate of lead to each two gallons of the material. Properly mixed and applied this will eradicate plant lice, ants, snails and caterpillars. The gophers and moles can be caught in their runs by traps made for that purpose.

ABOUT HARDY LILIES.

IF EVER there is a time when I long to be rich, it is when I reach the Lily pages of a catalogue. Of course, only 10, 15 or 20 cents a bulb is not very much, but no Lily lover was ever satisfied with *one* bulb. Three of a kind

are few enough, six is some better, and a round dozen is all right. Now, when one considers that there are about 20 kinds advertised, some very expensive, a dozen of each amounts to considerable, and you see at once why I wish I were rich.

However, one bulb is very much better than



GROUP OF LILIES.

none at all, and one each of six or eight standard kinds is not so bad. So let us, by all means, listen to our Bible, and "Consider the Lilies," and start our bed or collection this spring, unless we have already done so, in which case let us add to it.

Personally, I do not care for Lilies grouped together in a bed. We are told by writers of authority that the Lily loves a home, "where the flickering shadows softly come and go;" also that its bed should be kept cool and damp, if possible, through the hot summer. Therefore the perennial border seems to be the ideal place, especially if you only own one or two of a kind. Deep planting is also desirable, from six to ten inches, according to the size of the bulb. It must be remembered, however, that the beautiful Madonna Lily, catalogued as *Lilium Candidum*, is an exception to this rule, and must not be planted over three inches deep; also, remember that August is the correct time to plant them, or very early in September.

In preparing the ground it is safest to use no fertilizer of any kind. Also, if possible, put a handful of sand under and around your bulb. Trouble? Yes, of course it is, but aren't they worth a little trouble? And it is attention to just these little details that means success or failure. Besides, we don't have to dig up or transplant these bulbs. They are better left alone and undisturbed for years. They do not require very much, but they must have proper surroundings and conditions, or they will rot and disappear just as sure as death or taxes. Water or manure of any kind around them is absolutely fatal. You can put all the fertilizer on top you wish to, but do not let it touch the bulbs. The deeper you set the bulbs the better in winter. Although not necessary to their growth or safety, it will pay you to mulch heavily in November with stable manure, with plenty of straw in it. Do not remove too early in the spring, but rake off when the ground is dry and settled. Again, in digging around in your border in early spring be very careful not to cut off below the surface as well as above, the tender new sprouts just starting to grow. Lilies are, many of them, especially *Auratum* and the *Speciosum* varieties, slow to grow, and it is well to mark the spot by a stake when you set them. I have lost several fine bulbs by this carelessness. I think they simply die after being disturbed.

A word now as to varieties. On my list first would come *Lilium Candidum*. A lady wrote to me recently that she had growing in her garden in Michigan bulbs of this Lily taken from an old garden in Nova Scotia over sixty years ago. They are absolutely hardy, stand a drouth better than any other kind, increase more rapidly, and their beauty, purity and fragrance need no praise of mine. Next come *Auratum* and the various rare varieties pertaining thereto. If one has money to pay for them, get every one. But one *Auratum* is surely within everyone's reach. This bulb needs mulching both summer and winter, to do

its best, and even then I find the bulbs are apt to disappear, owing to its frail constitution and inherited tendencies to rot. The varieties of *Lilium Speciosum* for hardiness and kindred good qualities come next. *Album* and *Rubrum* are the most grown. *Roseum*, *Melpomene* and *Schrymackersii* belong to this family. Get each and every one of them if you can. *Elegans* and *Umbellatum* are catalogued separately, but I confess I see very little difference. They both bloom in June, and are perfectly beautiful. The old-fashioned Golden Candlestick Lily of our grandmothers' gardens was, I imagine, the parent of these. One can make no mistake in buying many of these by the dozen. Last July one morning some one called my attention to a brilliant dash of color by the garden walk. It was something new to me, so we rushed down and found it was a *Lilium Elegans* planted two years previous.

Before I close I want to say a good word for the old-fashioned Tiger Lily. Once, years ago, I got it into my head that these were homely, vulgar and common, and I did not like them. So (I shudder now to think of such vandalism) I dug up and threw away a big clump of them, which was here when I came here. I think now I must have been possessed of the Evil One. I have mourned their loss since in sackcloth and ashes. Through an exchange I obtained a number of small bulbs which last year blossomed, to my joy. Some one who loved them wrote a little poem, of which I remember this:

They bloom in gorgeous splendor
Along the garden border,
In oriental coloring; their beauty all may
They are Circassian ladies, [know.
The favorites of the Sultan,
And when the rain is falling
How they gleam and glow!
In their barbaric splendor,
The gorgeous Tiger Lilies,
The dear old Tiger Lilies
That in my garden grew.

Last, but not least, when shall we plant? Either spring or fall, whichever is most convenient. But I find I usually have much more ambition to get out and dig in the spring than I do in the fall, and therefore I would rather set them out then, because it is apt to be done better. A good many varieties cannot be obtained before late October or November, and it is no fun keeping a place thawed out, and going out in the cold to dig in the cold ground. So, as spring is just as well, the springtime for me—of course, as early as possible. If your bulbs come before your ground is ready, put them in the cellar, still in their wax paper, and cover with sawdust or sand.

One thing more: If you can obtain any bulbs of your native wild Lilies, do not hesitate to dig them up while they are in bloom, for in no other way can they be found. And if you do not break off the tops and plant them carefully at once, they will be a great addition to your garden collection.

Mrs. E. B. Murray.

Ballston Lake, N. Y., Feb. 2, 1916.

LITTLE-KNOWN FLOWERS.

I MUST tell you about some of the flowers I raised this summer, for I am never quite satisfied till I have shared my treasures with other flower-lovers, and I feel sure that many sisters who read about little-known flowers will be led to send for seeds, and in that way I shall have shared the flowers I love with others.

First on the list is *Nemesia Strumosa*. I had seen the old-fashioned *Nemesia*, but never cared much for it, so it was with some misgivings that I sowed the seeds of the new kind. When they came up they grew rather slowly, and I did not look for bloom for a long time, but much to my surprise and pleasure the buds and blossoms grew much faster than had the plants, and before I thought of looking for blossoms the bed was a sheet of bloom, and such colors! I could not begin to do justice to them were I to try. The most beautiful one of all, to me, was a deep, velvety scarlet, or rather cardinal. Then there were combinations of color, striped and variegated in such a way that they reminded me of the beautiful velvety spiders which one finds on the bushes in boggy places along in Huckleberry time or later. Such dainty creams and pinks! They blossom such a long time too, that they are a joy all summer, and a new kind surprised me every few days.

Another dainty flower is *Perennial Candytuft*. I sowed the seeds in a box, and transplanted to a long row in the garden, taking my own time for it, as I expected no blossoms till next year. Several of the plants blossomed in September, however, and I am highly pleased with them. They are a very delicate shade of

lavender, and I am hoping they will be in bloom for my Memorial Day trade.

A third new plant is *Linaria Dalmatica*. This, too, is listed with perennials, but I had a few blooms in September, enough to show their beauty. They have not yet attained the height ascribed to them in the catalogue, and the stems are rather slender as yet, and inclined to tip over, but the blossoms are very handsome indeed, and an erect spike of them,

such as I fully expect to see next season, will be a most gorgeous sight. We have a variety here which has escaped cultivation and grows in waste places. I think it is *Linaria vulgaris*, but am not certain. It grows about a foot high, has finely cut, glaucous foliage, and the stem, when broken, exudes a milky juice. The blossom is in a spike and is yellow and orange. It is locally called "Butter and Eggs." It is rather pretty, but the individual blossoms are not more than one-third as large as this new kind.

You would be astonished to know how many people I find who know nothing about some of the old-fashioned flowers. Some of my best flowers are in this class. *Calendula*, French *Mari-gold*, the *Primula* generally known as *Poly-*

anthus, *Scabiosa*—Oh! I could name a host of them which I have every summer, and so many people ask me what they are. *Scabiosa* is one of the "must haves," and after one has succeeded with a packet of the mixed kind and seen the many different shades and varieties, it would be almost as easy to do without *Asters* as without these.

By the way, I must tell you of a freak *Scabiosa* I had this summer. It was one of the dark



Nemesia strumosa Suttoni.

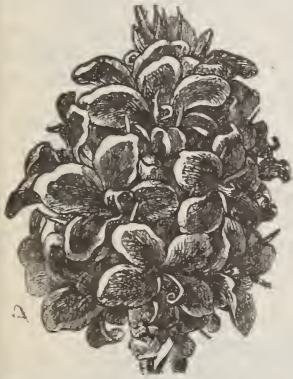
chocolate kind, and from every blossom on one plant there grew a tuft of green leaves. I left a few of these for seed, and the green tufts kept on growing until they developed buds and blossoms too, and from one blossom there shot out six stems about three inches long, with a blossom on the end of each stem. I have saved the seeds, hoping to create a new variety.

Adella F. Veazie.

Rockland, Me., Dec. 4, 1915.

[Note.—If the people generally knew how hardy and beautiful is the dwarf, early-flowering *Primula acaulis*, a few clumps or a border of it would be found at every home where there is a garden. The seeds germinate well, but are often a year or two years in starting. And I wish, also, to speak of the elegant *Scabiosa Caucasica*, which is popular as a cut flower in Europe. The plants grow two feet high, bearing elegant flowers from two to three inches across, delicate in texture, and of a pleasing lavender or light blue color. It is beautiful in the garden, and can hardly be excelled as a cut flower.—Ed.]

Cannas from Seeds.—I filed one end of my Canna seeds and dropped them into hot water, allowing them to soak for about five or six hours. I then planted them in a pot in the window and kept the soil moist. The plants sprang up like stalks of Corn, and in May, or when the weather became warm, I transplanted them to the garden, where



they began blooming in midsummer, and bloomed freely till late in autumn. On one plant I counted seventeen shoots.

Mrs. W. H. Dalton.

Anderson, Mo., Oct. 28, 1915.

Hibiscus Sinensis.—Last spring I received two double Hibiscus plants, but one of them was single. The Peach-blow Hibiscus, however, made up for the error. It has been blooming out in the yard since July. In October I potted it and brought it into the house. This caused it to drop its buds, but it has now developed 12 buds which will soon open. The blooms are very large, double and showy. The single scarlet has 15 buds, and the flowers are velvety and exceedingly bright.



Mrs. F. F. Lewis.

New Decatur, Ala., Nov. 24, 1915.

[Note.—In Florida the Chinese Hibiscus is sometimes used as a hedge plant, and the single Scarlet variety is preferred, as it blooms more freely than the others, and is more attractive in color. For pot culture it is quite as desirable as the Peachblow variety. See engraving.—Ed.]

LEAF AND FLOWER PRINTS.

A SIMPLE, beautiful way to preserve the memory of summer leaves and flowers is to make impressions of them on paper, and to paste these pieces of paper in a blank book. Such a book might appropriately be called a memory book, and will make an acceptable gift for a friend in the city or for an invalid. All of the materials required for making leaf-impressions are several sheets of good quality white paper, a large smooth slate or thick piece of glass, a tube of printer's ink, and two rubber rollers, such as photographers use in mounting prints.

To make a leaf print, put a little of the printer's ink on the glass or slate and spread it about with one of the rollers until the ink covers the surface of the plate and the roller. Then place the lower side of the leaf on the inky surface of the plate, roll with the inky roller, and press until both sides of the leaf are well inked. Lay the inked leaf on a sheet of paper and cover with another sheet. Now take the clean roller and roll over the leaf once, pressing down on the roller very hard. Carefully remove the leaf, in order not to blot the impression. A perfect reproduction of the leaf will thus be made on both the upper and lower sheets of paper.

Because flowers are more fragile than leaves their impressions are more difficult to make.

By using different colors of printer's ink, or oil colors, pretty combinations can be obtained. The colors can be arranged to appear as they do in the leaf.

Lena C. Ahlers.

Henderson Co., Ill., Oct. 25, 1915.

Caladium.—Last spring I bought one large bulb. Then I dug a hole about two feet deep and filled it with a compost of manure and woods dirt. As it grew I kept throwing rich dirt around the stalk, so that it withstood severe storms, and at the same time found quite a trench around it. Twice a day I watered it with the waste from manufactured ice. I attribute the wonderful growth from the ammonia in the water. A number of the leaves measured 36x48 inches.

Mrs. H. W. S.

Owensboro, Ky., Dec. 7, 1915.

[Note.—*Caladium esculentum* always makes a phenomenal growth when partly shaded and watered freely. The same is true of Banana plants. These plants are especially fine when planted along a stream, or on the margin of a pond.—Ed.]

Polyanthus of the Nile.—A year ago a friend, who raises many beautiful flowers, sent me these roots as a very rare species. The foliage is a dark thrifty green, long tapering leaves, spotted with white, but every flower stalk has two branches, one with pink blooms and one with blue blooms. The flower itself is not so pretty, but it is very odd. It is a free bloomer and makes a fine display in a bed early in spring, and the foliage is beautiful all summer.

Mrs. Stearns.

Georgetown, N. Y.

SCABIOSA, OR MOURNING BRIDE.

YEARS ago I grew this, and last year I thought I would try it again. A packet of mixed seeds gave me a host of plants. I started them in a hot-bed. But the black cat, Betsy, and her three cunning black kittens took it for a gymnasium and resting-room, with the direct result that very few flowers remained to tell the tale. Among them were a few plants of Scabiosa. I set them out very late, and badly stunted. They grew and bloomed finely. I had four colors—dark velvety purple, pale blue, lavender and pure white.



But their best quality was shown when frost came. When everthing else was dead they did not seem to know it was cold, but bloomed on and on until freezing weather came. I am wondering if I will not find them there when spring comes.

Mrs. E. B. Murray.
Ballston Lake, N. Y., Feb. 2, 1916.

Wallflower.—So many flowers claim my love and admiration, but none seem to linger and cling closer than the Wallflower. It was one of my childhood's favorites. The plants do not seem to be any trouble, as I never heard any complaint, nor saw any fussing over them. Standing in stately rows against a wall, they look insignificant; but they challenge the world to produce a finer fragrance.



Mrs. S. Louise Chrisman.
Carroll Co., Mo., Dec. 1, 1915.

Canterbury Bells.—I must tell the flower friends about the many beautiful Canterbury Bells I had in bloom this summer, in fact, some have a few stray blossoms yet. I had striped and variegated, all shades of blue, white, pink, lavender, single, cup and saucer, double ones, and some very double. They bloomed so much and so long they forgot to have any seeds for next year's planting.

Cottage Grove, Ore., Oct. 19, 1915. J. C.

Gourds.—Gourds are easy to grow, and will thrive in any garden soil. All they need is a little hoeing and filling up around the plants when they come up, to hold the moisture and keep the weeds down. They make an abundance of vines, which produce lots of Gourds.

Mrs. W. J. Warrenburg.
Centralia, Kas., Oct. 25, 1915.

ASPARAGUS SPRENGERI.

ASPARAGUS Sprengeri is perhaps the coarsest of all the Asparagus, but is an excellent green for cut flowers, as it remains green and fresh for a long time. I have a well-established plant of this on a stand, with elegant drooping fronds more than four feet in length, and is a most beautiful and ornamental plant. This Asparagus is excellent for either pots, hanging baskets or vases, and should have a prominent place in every collection. It thrives in any rich, sandy soil, and when well cared for, even a small plant will become a large, handsome specimen in one season.



Linnie Slade.

Mt. Vernon, Ill., Dec. 1, 1915.

Kenilworth Ivy.—From a small packet of Kenilworth Ivy sown in the spring I must have more than a hundred plants, and I find them so nice and dainty for hanging baskets. They grow rapidly, and soon begin to blossom, and the little Violet-shaped, pale lavender and white flowers are so neat and dainty. They seed freely, and one need never be without hanging baskets if one once gets started with them. They are also very pretty trained up a fine wire trellis. A fence of wire netting is ideal for this. Try them.



Mrs. L. R. Corson.

Ulster, Pa., Oct. 21, 1915.

Four-O'clocks.—A bed of Four-O'clocks (*Mirabilis*) makes a very attractive display of never-failing flowers. I dig my roots in the fall and store them with Dahlias in the cellar. Planted out the next spring they quickly make giant plants. Young plants are readily raised from seeds. The flowers are of many colors and variegations, and freely and continuously produced.

Robt. P. Ware.
Wrentham, Mass., Nov. 10, 1915.

Leopard Plant.—My Leopard plant is in bloom. A cluster of seven single yellow blossoms on a stem nearly two feet high. One of my neighbors had a Leopard for years and had never heard of one blooming. The blossoms looked more like Elecampane which grows wild in the pastures than anything I ever saw. If it attempts to bud again I shall nip it early, but this was a curiosity.

Georgetown, N. Y. Mrs. L. G. Stearns.

Asters as a Porch Plant.—I have had fine success the past summer with Asters, of the comet type, as a porch plant. Given a good, rich, porous soil and a position sheltered from the sun at midday, I had fine blossoms that lasted much longer than those in the open ground. The whites are especially good.

Yucca, Arizona. Mrs. Chas. Bly.

DICENTRA.

THE ILLUSTRATION of *Dicentra eximia* in the May Magazine recalls childhood days, when, with basket and trowel, I used to scour the woods near our home in the Empire State for the many wild flowers they furnished, on spring and summer afternoons. Among those it delighted me most to find was a delicate thing whose heart-shaped flowers showed the relationship to the *Diclytra* in our garden, though its low growth, only five or six inches high, and fine-cut, bluish leaves on tender white stems were so much more refined. The roots, too, had the characteristic delicacy, and were scarcely strong enough to hold together the "corns" strung on them.

I suppose this is the *Eximia* you name, though it showed even less color than Mr.



COMMON DICENTRA OR SQUIRREL CORN.

Norris gives it, rather a creamy white; and instead of the "sunny situation" where you have it, I seldom found it except in the moist heavy shade of the Maple, Hickory, and Chestnut woods. Never could I persuade it to take up with the exposure of the home garden; it missed the shade, and the light, half-decayed leaf soil its tender root-threads were used to. Its delicate beauty is far superior to its common cousin of the garden, and should earn for it more attempts to cultivate it.

New York.

Subscriber.

[Note.—*Dicentra Canadensis*, popularly known as Squirrel Corn, is probably the species our correspondent refers to. *D. cucullaria* is similar, the little, scale-like tubers being of a rosy color. They thrive only in loose, moist mold in a shady place, mostly upon a northern slope.—Ed.]

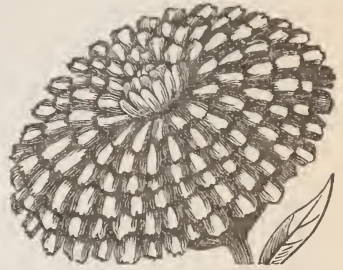
Dahlias.—My most successful seed venture this year was with Dahlias. I raised over 50 plants, and had only two single-flowering plants. Eight were very choice kinds, the best I have seen. The others were very good, and several new colors as well as new forms were added to my collection, which is one of the best about here.

Cora E. Morse.

Chelsea, Vt., Oct. 31, 1915.

ABOUT CALENDULAS.

LAST SPRING I planted a packet of mixed Calendulas, and such beauty! They were just one great mass of bloom, from cream to the darkest orange red, reminding me of a carpet of the richest hues of the oriental tapestries. Everyone passing by stopped to admire, and some wanted to know what they were. They wanted a bed next summer. Slight frosts have no terrors for them. They withstood hard freezing, and just kept right on blooming, long after everything but the Pansies had given



up to Jack Frost. Everyone should try them. They are easily started, and stand neglect and drouth. Like all other flowers, however, they more than repay good care and rich soil. My soil was rich, and some of the plants were larger around than a cracker barrel, and just loaded with bloom. I would pick a big bowlful at once, and you couldn't miss them. In fact, they seemed to say, "Pick all you can, there's one more to follow." Plants come into bloom when very small, and bloom continuously. Some flowers are semi-double, and some like a double Chrysanthemum. There was not a single one in the whole bunch. I shall always have a place for Calendulas in my flower garden, and everyone who tries them once will say the same.

Mrs. F. S. Johnson.

Monte Vista, Colo., Nov. 8, 1915.

Salpiglossis.—The *Salpiglossis* is about the most beautiful flower grown. Although I have very many flowers, my *Salpiglossis* is the most admired of all. If kept from frost our plants will bloom for several years. It's a "must have" with all who once see it.

Mrs. A. D. Hack.

Coos Co., Ore., Oct. 21, 1915.



Japan Morning Glories.—It is three summers now since I received and planted my first Jap Morning Glory seeds. The first summer my neighbors all marveled at the large blooms and range of colors (I counted seven shades and colors), and would ask what they were. I gave away seeds generously, and now many are enjoying their cheerful morning faces as well as myself. Each summer finds my fence covered with these bright and beautiful flowers.

Mrs. J. Garberana.

Camden, N. J., Oct. 18, 1915.

ABOUT GOURDS.

DEAR MR. EDITOR:—I want everybody this season to plant a package of mixed Gourds. Last year I raised 35 different kinds, and it was very interesting to watch the different vines with their various colored and shaped fruit. It is important to spade up the place where they are to be planted early, so as to expose the larvæ of the Squash vine borer to the weather, and kill them. These worms bore into the vines near the ground, and destroy the entire plant. They attack both the Squash-gourd and the Bitter-gourd vines. The other enemy of the Gourd is the green borer worm. These bore into the vines at the growing end, and into the fruit, destroying both. They do not attack the bitter Gourds, as Hercules, Knob-Kerrie and Dipper. The best remedy for this pest is to plant as early as possible, preferably in a hot-bed, so as to fruit before the worms appear. Last year the first ones arrived here May 25th, but my vines were all fruiting, and I gathered my crop before they became well-established. During the first month of their appearance they can be controlled to a certain extent by carefully examining each flower and removing the young worms. While there are plenty of blooms on the plants, the female moth of the worm lays her eggs preferably within the bloom. When the vines cease to bloom later in the season the eggs may be seen on the stems, leaves, and even on the fruit, appearing as minute, flat, reddish-brown spots about the size of a Poppy seed. I would suggest that seeds be planted all along during the summer, so as to always have plenty of blooms to attract the moths. They will then lay their eggs in the bloom, and practically all the worms can be destroyed in the young stage, before they can do much damage. They will feed on the flower for two or three days, before attacking the vines and fruit. A gourd full of the worm holes was placed in a tight glass jar, and in a few days seven worms came out and spun a partial web about themselves. In ten days they turned into little brownish moths with striped wings. These moths fly at night, and a moth trap used by entomologists might help to destroy some of them. This consists of a lamp with a poison bottle below. The light attracts the moths and they fall into the bottle and are killed. Where the worms are plentiful the fruit may be tied into a paper sack, so as to keep the worms from entering the gourd. All vines should be destroyed at least a month before frost, so as to give the last generation

of moths nothing to feed upon. The moths will have nothing on which to lay their eggs. If the vines are not destroyed the cold will cause the last generation of worms to pass into the resting stage until the following spring.

In planting Gourd vines they should be planted three to a hill, so that if a Squash vine borer attacks one of the vines near the ground the worm can be dug out and killed, and there will still remain two vines. Allow the vines to trail on the ground for three or four feet before climbing from the ground. Additional roots will be formed at the joints, so that even if the main root is attacked the new roots will carry on the feeding of the vine. R. P. Burke.

Montgomery, Ala., Jan. 20, 1916.

Using Matches.—I read of so many who have trouble with plants not growing that I want to tell you of a little trouble I had last spring, as it might help some one else. I have used matches to kill worms in the soil, many times, and never knew that it did any harm, and I know that many others use them for the same purpose.

Contrary to my usual custom I planted my Tomato seeds in soil that had not been scalded to kill worms and weed seeds, as I had very rich soil which I had used on the porch the season before, and thought it would be all right.

I had two pans of seeds planted the same day, and just as they were nearly all up I saw one morning that

some in one pan had been cut off, but did not think it could be a cutworm; but when the next morning I saw about the same number destroyed I stuck matches by every one that was cut, as I could not find the worm.

I had put, I think, about three and a half or four dozens in that pan, but they just stood still after that until they were too tired and quit one by one until they were nearly all gone.

The other pan with the same soil and care grew rapidly, and were in the garden with good sized tomatoes started, when at last the soil seemed to overcome the poison, and what few plants were left began to grow and about six or eight did fairly well.

The ones that lived were furthest from the matches, and if it would kill all that were near by, it must surely damage other plants, if it does not kill them outright.

I cared for them all that time merely to see what they would do, and I am satisfied that matches are not very safe to use, if they are the most convenient.

Hamilton Co., Tenn. Mrs. A. E. Banes.



GROUP OF GOURDS.

MARTYNIA.

THOSE who do not know the *Martynia* have a treat in store. Plants are easily raised from seeds, and the flowers are almost as pretty as a *Gloxinia*. The leaves are like a *Begonia*, and very sweetly scented. They make an ideal window plant. There are two shades of crimson, and a pale lavender, or rather cream flushed with lavender, thickly spotted with maroon.

Oregon, Dec. 21, 1915.

Mrs. A. D. Hack.

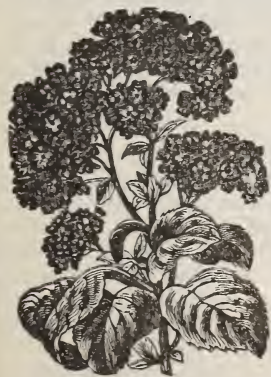
[Note.—The foliage of *Martynia* is covered with viscid hairs and consequently clammy to the touch.



MARTYNIA SEED-POD.

flowers. The most vigorous and large-flowered species, however, is *M. proboscidea*, the flowers of which are lavender with dark spots, and produced in showy clusters. The flowers are succeeded by large curved seed-pods that are prized for pickles if cut when young and small. Later these pods split open, and are often irreverently called "Devil's Claws." When a pod ripens it can be made to assume the humorous form of a fancied "four-footed beast," as represented in the little engraving. The seeds have a tough, impervious covering, and are often tardy in germination unless soaked or slightly chipped. *M. proboscidea* can be grown by the roadside or in the pasture, for it is like the tobacco quid that the preacher advised his hearers to leave outside upon a fence rail, a stone, or even upon the ground, until after the services, at the same time giving assurance that it would be there when his congregation was dismissed, for no other man would touch it, a horse or cow would not touch it, a dog or cat would not touch it, and the very smell of it would even drive a hog the other way.—Ed.]

Heliotrope.—Those who have not seen



the Giant-flowering *Heliotrope* have no conception of the great advance made in improving this old favorite. The heads of blossoms often measure a foot across, and their delicious perfume is just as sweet as that of the old-fashioned kind. They are easily grown from seeds, which, if sown in the spring, will

make blooming plants in July.

Mrs. L. H. Wagner.

Mill River, Mass., Oct. 27, 1915.

Scabiosa.—I find *Scabiosa* a very satisfactory plant for a border, and after Jack Frost has played havoc with the tender annuals, this pretty plant is still green, and the flowers still appear, lasting till freezing weather.

Robt. P. Ware.

Wrentham, Mass., Nov. 9, 1915.

FARFUGIUM GRANDE.

I RECEIVED a *Farfugium* one spring five years ago, and on looking around for a suitable dish, I at last decided on a two-quart granite saucepan, with holes in the bottom for drainage. A few pebbles were placed over the bottom, and on these a layer of the moss that came around the plant. Next a mixture of fine rich and sandy loam was put in, filling it almost to the top. On this the plant was set, its roots spread out



carefully, and then more earth was put on, care being taken so as to not get the soil over or clogged about the tiny center leaf. The earth was then firmed carefully and watered. Then it was set outside under a Pear tree, where it got only the morning and evening sun. No water fell on it. I watched it carefully, watering it only when it became dry. And how it grew! About September 1st it bloomed. I had never seen one in blossom, and it was a curiosity so me. The flowers, yellow and Daisy-like, do not amount to very much. However, I left them on to see if seeds would mature, but they blasted. However, the treatment seemed to just suit the plant, and I had a fine plant ready for the window September 1st.

Mohave Co., Ariz., Dec. 10, 1915.

C. B.

Annual Chrysanthemum.—For a display of bloom the whole summer long I



think it would be hard to choose anything more easily raised or less bother than annual *Chrysanthemums*. They are as beautiful as the Perennial *Pompons*, and bloom all summer, despite fall frosts. The mixed seeds contain many beautiful kinds, double and single. I think the dwarf single ones are fine. Anyone wishing a plant that will grow and bloom indefinitely and require little care, should try the annual *Chrysanthemums*.

Mt. Union, Pa., Oct. 20, 1915.

R. Whitzel.

Calliopsis.—One of the most showy of all garden annuals for massing is *Calliopsis*. The plants are literally covered with gorgeously colored flowers. They are easily grown from seeds, and often reproduce themselves year after year from self-sown seeds. Mixed *Calliopsis* are especially beautiful, because they cover such a wide range of colors.



Lena C. Ahlers.

Henderson Co., Ill., Oct. 25, 1915.

OUT-OF-DOORS.

My house, when set in order 'gainst that day
When I shall bid farewell to life and light,
I would have garnitured and fashioned bright,
As though I fared on some returning way.
The duties of the household should not stay;
Arrange the books and flowers, and invite
The sunshine in; nor, for a moment, slight
The bird that oft has cheered me with its lay.

And where wild flowers are growing up to God—
Starring the grass with chalice of gold—
There would I have you make my place of rest;
No granite shaft nor railed with iron rod,
So stars and sunshine that I dearly hold
May gild my dreams and make me doubly blest!
Shelbyville, Ind. Alonzo Leora Rice.

MEANING OF FLOWERS.

TO me certain flowers suggest certain things—a spiritual presence, as it were, that may be interpreted in terms of poetry, and this irrespective of the popular language of flowers, so called, which I do not have before me. The following brief list may be of interest, and any others may be added at the inclination or caprice of the reader. I am a believer in theosophy and Eastern symbolism, hence the pictures which I paint.

Chrysanthemum (golden yellow)—widowhood, glorious old age; Chrysanthemum (pink)—snowed is the sunset mountain; Fern—soul that dwells in shady solitudes; Amaryllis (formosissima)—Lily of God; Amaryllis (equestre, orange)—knight from Hesperian halls; Verbena—modest Melanthus; Honeysuckle—dark hair I twine; Cactus (cereus)—spirit of the white god, or primeval night; Yucca—ghost of the desert; Jasmine (double white)—death desire; Iris (azure)—I dwell by heaven's sea; Poppy—dream potions, fantasy; Cyclamen (Persian Violet)—Iranian content, face of a houri; Batchelor's Button (blue)—youth loved long ago; Batchelor's Button (pink)—Sabbath is coming. The Grapevine symbolizes the divine man, even as the Fig-tree, which blossoms in secret, represents the divine woman, according to theosophy. Following I shall explain these more fully.

Amaryllis (equestre, orange)—Hail, Hippastrum! Thou bright one from the glittering sphere! Thou seemest truly a knight of old, in orange doublet and green hose, the smiling hero, the fair bowing gallant, plumed hat in hand, of some enchanted ocean isle! Would that I might know the secrets of thy native land! Day holds a garnet to the sun, and all thy western isle is flooded o'er with sunset hues. Green sea and sky of orange! Halls of stained glass, marble stairways winding up to some queen's chamber, golden tapestries—I see it all! And back and forth move the splendid and elegant figures of long-vanished romance. Blazing in the sun; bright are the robes. It is a dream of the spice isles that I see—Barbadoes in the days of early conquest. There is the music of a poet's chains in prison under the iron tower. And thou comest smiling and biddest me enter.

Yucca—Sweet spirit of the desert, sinless

one, why comest thou with the cool odor of limes, thy sheeted form in white moonlight? Art thou a ghost? Aye, thou art the ghost of desolate places and wailing winds and lifeless sands and hard, sere, cracked, rainless rocks. She gutters like a candle, she quivers like a wraith, silverly-haloed, the moon's own flower! Standing woman high out of the crevices of the night canyon, I accosted her, the loved of the moon, the one whose heart grows sick with the glaring orb of day, the life that pines for the ancient evening! Is she not perfect, the slender gazelle of forgotten forest ways, now made stern guardian of locked desert sands? I will tell what thou art. Thou art the spirit of all the brave and noble Indian maids that ever were—thou art she of the warrior tribe of Moki, she of the Zuni, she of the Arapahoes, she of the Aztecs and the Toltecs, who went before. All dwell within thee in the pure nights of liquid winds and full moons when the stars pour tales of sadness in thine ears, and mold thy petals into cups of cream. Thou art the spirit of life that struggles with desolation.

Chrysanthemum (golden yellow)—Splendidly forth now stands the widow of Nippon—the bright glow of departing year, the sweet, sufficient smile, patient and rewarded, of old age! She openeth the petals of her eyes and letteth down her long hair. Rewarded is her trust, for she hath had trial of the long and scorching summer. Ready was she to faint and die, but remaining faithful to her lord, she kept loyally on. Now, after long waiting, her time of harvest is at hand. What beauty! Little children stop to admire in silent wonder. Old people read her blessed secret, and their eyes grow moist from the blessed rivers of light. Alone in the sunset of the year—heart's twilight—she stands, loved and admired by all, without a peer. "Chrysanthemum, thou flower of gold." Thy gleaming wealth is of the gardens of heaven, and thy bitter-sweet fragrance is of sacred, hard-won, never-to-be-forgotten experience.

Will Thompson.

Baltimore, Md.

Rainbow Corn.—This season I tried Rainbow or Striped Corn (Zea), and found it as easy to grow as Indian Corn. Many of the leaves were like ribbon grass, green and white striped. Others on the same stalk were pink and green; another combination was green and white. It tasseled and eared like Pop Corn. I grew it to hide a fence.

Graton, Mass., Oct. 11, 1915. Eliza Bradish.

Pyrethrum.—Last spring I purchased a packet of Hybrid Pyrethrum seeds and grew the finest bed of flowers to be found. The plants grow two feet tall and grow Cosmos-like flowers of various colors, from white to crimson. They are fine for cutting and I shall start another bed next spring to make a show in the garden, as well as afford flowers to make bouquets galore.

Alice McLane.

Kankakee Co., Ill., Oct. 27, 1915.

FLORAL NOTES.

Asters.—The Asters are wonderfully profuse bloomers, and have the merit of being in their prime when most flowers have ceased to bloom. Because of their late-blooming habit they should be in all collections. By planting different varieties with due regard to size, one can secure a perfect bank of bloom. No flowers in all the border were more admired the past summer and fall than our large pink Asters—more beautiful than Chrysanthemums.

Mt. Vernon, Ill., Dec. 1, 1915. Linnie Slade.

Gaillardias.—The Gaillardias are magnificent hardy perennials, producing a constant succession of gorgeously colored flowers all summer and fall. As cut flowers they are almost unrivaled, having long stems, and will last in water for days.

Mrs. L. H. Wagner.

Berkshire Co., Mass., Oct. 27, 1915.

Gourd.—Wishing to cover one side of an arbor with quick-growing vines, I tried mixed Gourds. The vines made rapid growth, and were attractive with their large leaves, white and yellow blossoms, and different fruits.

Robert T. Ware.

Wrentham, Mass., Nov. 9, 1915.

Vinca Rosea.—I wish to call the attention of the Floral Sisters to Vinca rosea. I have raised the lilac and white this year. They stand drouth better than most plants. Some of mine are 23 inches high, and still growing and blooming at this date. Mrs. J. D. Coates.

Canton, Tex., Nov. 11, 1915.

Seedling Carnations.—Last spring I bought with other seeds a packet of Carnations, and planted early in April in well-prepared garden soil. Very soon the hardy little plants appeared, and in due time they began to bloom. Many of the flowers were double, and were in white and light shades, and darker bright shades, as well as variegated, all delightfully fragrant. Mrs. W. H. Dalton.

Anderson, Mo., Oct. 28, 1915.

Dahlias.—From two packets of Dahlia seeds I had several different kinds and colors. Some of them were very beautiful, and all were pretty. I started them in a box in the house, and they all bloomed this fall. Some of them bloomed nearly as soon as those from tubers kept over winter.

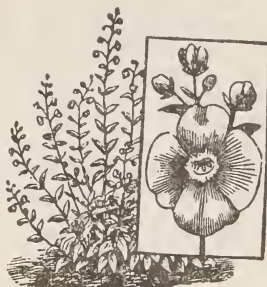
Mrs. Inez E. Pelton.

Branson, Mo., Nov. 11, 1915.

Aquilegias.—I want to tell about my Aquilegias grown from seeds. They have bloomed four years, and the plants were larger this year and the flowers more beautiful than ever before. I will try to get all colors next year, for when once started the plants are lasting, and I find that the new hybrid varieties bloom more or less the greater part of the spring and summer.

Mrs. F. F. Lewis.

New Decatur, Ala., Nov. 24, 1915.



Alonsoa.—I

would like to tell the readers how pleased I was with the Alonsoa. It bloomed nearly two years, and its pretty soft scarlet blooms were admired by all who saw them. It was covered with blossoms.

Mrs. A. D. Hack.

Coos Co., Ore., Oct. 21, 1915.

Ageratum.—Ageratum is one of the best of our many annual flowers. Though little grown, it deserves a popular place in every garden. It is easily grown from seeds, and blooms continually. Its feathery flowers have a delicious perfume, and when cut keep for a long time. Plants that have bloomed all summer, if lifted before frost and cut back, will be in flower all through the winter. For both winter and summer blooming few flowers rival Ageratum.

Lena C. Ahlers.

Henderson Co., Ill., Aug. 30, 1915.

Comet Asters.—My Comet Asters last year were very fine. To me they are the most beautiful of all Asters. The colors were white, pale pink, rose, lavender, blue, and purple, which fill every want for every occasion—flowers with all the beauty that can be in any flower. Be sure to have two packets of white, so as to have white enough to go with them all. You are certain to be pleased.

Chelsea, Vt., Oct. 31, 1915. Cora E. Morse.



Japanese Morning Glories and Cypress.—In my yard were two unsightly stumps about four feet high and ten feet apart. Around the base of each I planted the two vines mentioned. When they began to vine I formed an arch from stump to stump, and by means of heavy cord I trained them in two directions to the porch. When the Morning Glories came into bloom the Cypress was intertwined all through, and the combination made a very beautiful effect.

Mrs. H. W. S.

Owensboro, Ky., Dec. 7, 1915.

A BOY'S WINDOW GARDEN.

A LITTLE window-garden, quickly contrived from odds and ends of greenery that were speedily available, to give interest to a little sick boy, furnished the practical suggestions for this paper. Other and more attractive ways for continuing and brightening it probably will suggest themselves to readers.

The little boy had once been taken to a nursery where his mother purchased plants. He wandered out into the potting shed while she made her selections. The work of seed-sowing, potting, sprinkling and stirring the soil seemed to fascinate him.

Now, but a thin wraith of himself, since the fever died out, some of his eagerness came back when the Hyacinths were brought up from cellar to window. Those grown in glasses and bowls of white pebbles were more diverting than those grown in plain earth.

Someone brought in a cigar box containing sand, in which eggshells represented pots, filled with rich earth for seeds to sprout in.

Propped up on pillows he sowed and covered seeds the first day. No one else might even water them. The little plant sprinkler was such fun! Sturdy seeds had been selected—Balsams, Phloxes, Radishes, etc. The next day some cuttings from Mother's window Rose were deftly firmed into the sand between the eggshells. By his direction we placed a pane of glass over the box, "to keep the dew in."

Odd and quick-growing plants were tried next, with varying success. A crumpled brown Resurrection Plant that unrolled and spread out blithe green fronds soon after it was placed in water was a wonder and delight. The Japanese Fern Balls, in several fantastic shapes, did not "leaf out," as warranted. With the best of care a few straggling fronds were all the growth essayed.

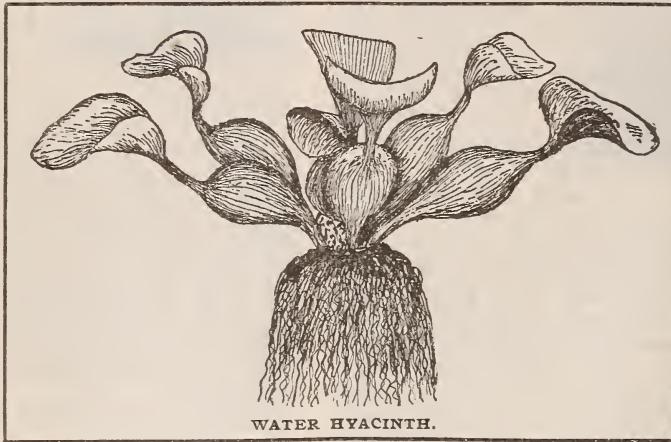
"Let's improve upon them," said Rafe's mother. So the surface of each one was loosened rather heroically and Cress seeds scattered into all the chinks. In a week or so crinkling green leaves covered them entirely. As he grew better the little boy enjoyed some of the tender leaves as a salad.

A little friend sent our invalid a sprig of green and white House-leek for his window-garden and mother wove it among the bars of the bird-cage. The boy's eyes grew wide with

wonder to see it grow marvelously there, with no evident sustenance.

In hanging baskets Rafe was especially interested. A rough cocoanut shell from which a green and white Wandering Jew grew lustily was a favorite of his. A Pine cone, soaked in water, then dusted thickly with fine grass seeds, when suspended by a cord soon became a mist of green. A Sweet Potato and a Carrot, their centers scooped out and filled with water, and suspended by cords, were "twin baskets." The Carrot was the prettier, Rafe thought. Its leaves were as feathery as Ferns and curved upward in a whorl of green about the white root. The Potato was a red-skinned one, with silver-striped leaves. It was much longer in growing, but finally made a quaint little affair that would have delighted a Chinaman. Some of its vines were trained up over the cord; others drooped.

Our invalid was beginning to move languidly about his room when a neighbor brought in a robust plant of Water Hyacinth growing in a clear glass bowl. This was the prime favorite henceforth. It stood on the window sill close to his chair, the patient subject of



WATER HYACINTH.

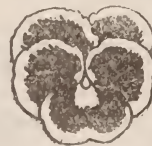
many proddings that the boy might see its feathery purple and white roots trail through the water, and the tiny round life preservers at the base of each leaf go bobbing up and down. The plant endures investigation patiently so long as its roots are kept under water. Some months later when its spike of lilac-purple flowers appeared, Rafe seemed to consider them quite superfluous.

Another contribution from a kind neighbor was a plate heaped with green moss and interspersed with Crocus bulbs. A little water poured over the moss occasionally kept the moss green and the bulbs growing until their white, gold and purple flowers appeared.

McDowell Co., N. C.

Caroline North.

Pansies.—Pansies require a cool, shady place to grow, and will bloom all summer if the blossoms are kept picked off.



When picked the flowers will stay fresh a long time, if kept in a cool, shady place in a bowl of water, the water being changed often. Pansies are grown from seeds, which should be planted in the spring, as soon as the ground is warm.

Mrs. W. J. Warrenberg.
Centralia, Kans., Oct. 25, 1915.

GALTONIA CANDICANS.

ONE OF the most satisfactory plants in my garden is *Galtonia candicans*, often referred to as *Hyacinthus candicans* or Giant Summer Hyacinth. The genus *Galtonia*, however, differs from the true *Hyacinthus* mainly by its more numerous and flattened crowded seeds. *Galtonia candicans*, native to the Cape of Good Hope, was introduced in the last quarter of the nineteenth century by Leichtlin, and has made a permanent place for itself in our gardens.

The bulb is rather large and sends up from four to six large ribbon-leaves two and a half feet in length. The flower spike is often more than four feet in height, and is surmounted by 20 to 30 Hyacinth-like flowers pure white in color, and fragrant.

Galtonia candicans is of the easiest culture. Bulbs planted under the most unsatisfactory conditions will make a good showing; but one will be well repaid for any extra effort expended in giving this plant a rich, open and moist soil.



The bulb is not entirely hardy where winters are severe. The best results are achieved by taking up the bulbs after the first killing frost, and storing them in a dry, frost-proof cellar or closet. It is advisable to pack them in dry soil or sand. The bulbs may, however, be left out in the open even in cold climates if the ground is heavily mulched. In localities where the climate is less rigorous, they may be left growing undisturbed for several years with increasingly better results.

Galtonia candicans should be planted in great numbers. One or two plants growing alone do not make as good a showing as four or five hundred, or better still, a thousand of these handsome flowers. A background of tall-growing shrubs is an ideal location for them.

Propagation is by the separation of the bulb-lets, which form on the parent bulb, and by seeds. The latter is the most satisfactory method. The seeds should be gathered before

the first killing frost, and should be left in the seed capsules until the next spring. The seeds should be kept in a dry place and planted in rows in the vegetable garden as soon as the ground can be worked. The plants should be kept free from weeds, and the ground around them thoroughly cultivated. The bulbs will not reach a large size the first year. In the fall these very small bulbs should be taken up and stored as directed for mature bulbs, and planted in the vegetable garden for two more years. At the end of the second year, some of the bulbs will have reached blooming size, and by the end of the third year all should have reached maturity. The ground used for this purpose should be very rich, porous and well-watered. In this way one can raise thousands from a half dozen bulbs in a few years.

Galtonia candicans deserves a place in every collection of choice flowers, and should be planted in great quantities if one wishes to see this stately flower at its best.

Paul Traub.

Minneapolis, Minn., Nov. 18, 1915.

Dahlias from Seeds.—Somewhat belated I wish to let you know the success I had with Dahlia seeds a year ago. I planted three packets and got from the plants one beautiful large, dark red single, several salmon and yellow plants, several semi-double red, a beautiful red cactus which I have not seen equalled in the collection of three Dahlia fanciers, and a cactus which did not bloom, but which is now budded the second year and promises to be a beauty. All these I kept over the winter, and of the red cactus plant I got five plants this summer, which are doing very well. I am pleased with my trial of Dahlia seeds.

H. O. Clough.

Deep River, Conn., Sept. 4, 1915.

Lobelia.—The dearest little flower I have seen is the Lobelia. I have no trouble raising the plants from seeds. They are so delicate, graceful and dainty that everybody admires them, especially as the flowers are borne so profusely. The flowers vary from pure white to deep blue, as well as rose. They are fine for baskets and bracket pots.

Mrs. E. Griffin.

Chautauqua Co., N. Y., Oct. 15, 1915.

Lychnis.—The scarlet *Lychnis* is a splendid hardy, showy plant for either beds or borders. From a package of seeds this spring I have many nice plants. Several bloomed nicely where they were planted. The seeds ripened well, and I intend to plant them for the hardy border.

Mrs. D. B. Chamberlen.

Lane Co., Ore., Oct. 31, 1915.



FLORAL POETRY.

TO A DAFFODIL:

Out of the dark of the earth you came,
To lift to the light your face of gold;
And a friend, whose heart from a grief's long claim
Was cold like the snow on the earth's brown mold,
Paused long by your side, with dull, dimmed eyes,
That changed as they looked to a faint surprise.

Out of the dark with its mists and dreams,
The shadows and doubts that are part of it,
You came at the call of the sunny beams,
To brighten the world and its sad a bit;
Out of the dark of the earth you grew,
When the call of the light came down to you.



Out of the dark of the earth you rose,
Your sunshine heart and your perfect green,
And the one who watched all your grace unfold,
Tho' the snow lay chill, tho' the winds blew keen,
When seeking the light you bravely grew,
Found faith in the one who made you true.

Back to the earth and its rest you went,
Your purpose done, tho' your stay was brief;
For one you left with a new content
Instead of the doubtings of selfish grief,
New faith that hopes and trusts and fills
A face to the light like the Daffodills.

Cincinnati, O., Feb. 25, 1916. Mary E. VanZandt.

DREAMING.

'Tis just a perfect evening,
The air so soft and mild;
The breezes murmur a lullaby,
As a mother soothes her child;
The fresh green grass is laying
A rich carpet for our feet;
The embryo leaves are growing,
And soon will be complete;
The distant lamps are twinkling
Like stars dropped from the heights,
And over all fair Luna
Sheds her clear and silvery light.
I sat alone at the casement,
Dreaming, as mothers will,
Of the future of her darlings,
When all around is still.
Full many a castle I builded,
But none of them came just right.
Like worthless, broken bubbles,
They faded from my sight.
So then in my perfect weakness,
I flew to my Saviour for rest,
Entreating Him to guide them
In the way that He thinks best.

Randolph, Vt.

Mrs. A. J. Foster.

PENNSYLVANIA SPRING.

Spring bares the streams from icy lid
That kept secure the waters hid;
Now floating go their winding way
The frozen fragments night and day.

The waters from the melting snow
That field and meadow overflow,
Go with the sun's reflecting beam,
To mingle with some larger stream.

Now soon begins the farmer's toll,
The annual plowing of the soil;
He's anxious now the seed to sow,
And hopeful then to have it grow.

In spring return migrating birds
We welcome so, with loving words;
They seek a place to build their nest,
And sweetly sing their very best.

When color greens the breezy spring,
And tender leaves so gayly swing,
Is when the bumblebee will come
Around our dwelling place to hum.

Spring gowns in tender green the wood
That cold and nude before us stood;
And beautifies both vale and hill
With Nature's paint of chlorophyl.

It breaks the bud of loveliest Rose
That will by force itself disclose;
Emitting its aroma sweet,
When bush in bloom we chance to meet.

In spring appears the butterfly
So grand its mealy wings to ply,
And should the days be warm and fine,
'Twill rove with ease in hot sunshine.
Telford, Pa., March 6, 1916. Frank H. Strolm.

EASTER.

Joyful, joyful, happy Easter,
Bringing gladness to the soul;
Birds around engage in singing,
And their carols sweetly roll.
The buds now sprout—'tis Easter morning,
And sweet perfumes fill the air;
Nature with us is rejoicing,
And the skies are bright and fair.

Happy Easter, sweet reminder
Of the things that are divine;
Of the hope that lies before us,
And the things that are sublime,
As we see new life is springing
All around in everything,
And that Christ the Lord is risen
We will let our praises ring.

St. Louis, Mo.

Albert E. Vassar.

THE TRAIL.

[When Tisaack, the goddess who guarded the Yosemite Valley, disappeared, Tulockanula went in search of her; finding her not, he carved his face on El Capitan, and then he, too, disappeared. Tisaack was not seen again, but in her footprints white Violets sprang up, and still grow upon the meadows.—Indian Legend.]

Tread lightly, stranger; see them at your feet,
In all Yosemite you'll find no other place
Where grow White Violets; they are very sweet;
A fitting tribute to a passing race—
Children of wind and sun, and open sky,
Whose fires are out, whose pageant has passed by

Before the foot of white man came this way
They wandered through the mountains, crossed
[the arid plain,
And worshiped the Great Spirit. Who shall say
The lives of our red brothers were in vain?
Let none their primal majesty assail:
White Violets are growing down the trail.

Florence Boyce Davis.

Waitsfield, Vt., Nov. 24, 1915.

THE MOVING PICTURE.

From early spring till winter's call,
 I've seen the film go by,
 This moving picture in the west,
 Of field and road and sky;
 I've seen the golden sunsets glow,
 Reflected up on high;
 I've seen the foaming clouds that chase
 Across the clear blue sky.

The buds that burst in early spring
 Have taught me lessons rare,
 The tender breezes wafted in
 Have borne away my care.
 This entertainment it was sent,
 All free of charge to me,
 So now with gratitude I'll try
 This kindness to repay.



For who is there, with heart attune
 To Nature's higher powers,
 Could drink in all this lovely scene,
 In lonely quiet hours,
 And not some chord of gratitude
 In harmony vibrate,
 While looking on a scene so rare,
 So lovely and so great?

Oh, look! the film is passing now,
 With lovely shades of green,
 All dotted o'er with pink and white,
 The trees are in full bloom;
 And now we see a darker shade,
 There are no flowers at all;
 We see the vivid lightning's flash,
 The ram begins to fall.

And thus I viewed with wondering eyes
 The whitecaps as they rolled,
 In foaming billows through the sky,
 Above a bed of gold;
 The storm is past, the sun is out,
 The grass with splendor shines,
 You'd think that Solomon had spilled
 The jewels from the sky.

I see the happy tourist come,
 A spinning up the road
 In auto that in ancient days
 A king could not afford;
 I see the pedestrian mild,
 A plodding going by,
 I see the happy girls and boys
 Go past with merry glee.

An urchin's coming up the road,
 A-riding on a cow,
 They look most like a tumblebug,
 Their speed's so very slow.
 And now my eyes they seem to catch
 The glimpse of orchard trees;
 They're taking on the richer tints,
 That come with autumn's breeze.

Across the lawn of green there's
 A flock of poultry white,
 Old Orpington now spreads himself,

To crow with all his might.
 A neighbor passing bows and smiles,
 Good wishes thus to show,
 And once again my eyes they catch
 The autumn woodland's glow.

The autumn woods, the autumn woods,
 With art's rare colors spread,
 Beyond, the ripened field of corn,
 That gives the toiler feed;
 A sprightly man of three score years
 Comes lightly up the hill,
 And then with smile and wave of hand,
 There goes the sunbeam girl.

But every time I raise my eyes,
 As on my couch I lie,
 I can but see these autumn trees,
 Their robe's so very gay,
 The stately trees that bow and wave,
 Those peaks of richest gold,
 That point with finger to the sky,
 Where treasures are foretold.

The sky takes on a sadder line,
 The leaves are all gone now;
 Thanksgiving Day will soon be here,
 I feel the chill of snow.
 So now I'll turn my eyes inside,
 Where all is warm and bright,
 And close them just to open them
 On glad thanksgiving sight.

Hattie Sanders

Marion Co., Ill., Oct. 12, 1915.

NATURE'S REVELATION.

As I see the world so beautiful,
 Robed in colors rich and gay,
 And watch the changing seasons,
 As they come and pass away,
 It seems so strange and wonderful,
 And my soul is deeply stirred;
 While an Infinite Spirit tells me
 God in these things is heard.

As I see the great green woodlands
 Change into red and gold,
 Displaying sheets of lurid fire,
 Ere the evening shadows fold,
 And consider the star-lit canopy
 Of silver and gold and blue,
 I am told by my heart's glad feeling
 Of the love divine so true.

Then I see the leaves a-quiver
 Fall on the silent ground,
 And a dusky gray o'erspreads the earth,
 While a tearful sob-like sound
 Calls faintly, oh! so faintly,
 A plaintive last good-bye;
 And I hear all Nature saying,
 "Take me, you too, must die."
 I calmly listen, unafraid,
 For I know that God is nigh.

Mrs. Blanche Cummine Patterson.
 Chattanooga, Tenn., Nov. 11, 1915.

TODAY!

Today!
 This little strip of light
 Twixt night and night
 Let me keep bright
 Today!

And let no fumes of yesterday
 Nor shadows of tomorrow
 Bedim with sorrow
 Today!

I take this gift of heaven
 As simple as 'tis given;
 And if tomorrow shall be sad,
 Or never comes at all, I've had
 At least

Today!

Selected.

F. Crane.

"WHOA, NEBUCHADNEZZAH!"

You Nebuchadnezzah, whoa sah,
Where is you tryin' to go, sah,
I'll hab you for to know, sah,
I 'ze a holdin' ob de lines;
You better stop dat prancin',
You's pow'ful fond of dancin',
Dat I'll cure you ob your shines.

Look heah, mule, better min' out,
Fust ting you know you'll find out,
How quick I'll wear this line out,
On your ugly, stubborn back;
You needn' try to steal up,
And lift dat precious heel up,
You've got to plow dis feel up,
You has, sah, for a fac'.

Dar, dat's de way to do it,
He's comin' right down to it,
Jes watch him plowin' through it,
Dis man an't no fool;
Some folks, dey would hav' beat him,
Now dat would only heat him,
I knows just how to treat him,
You mus' reason wid a mule.

And mind if he was bigger,
He'd fetch a mighty figger,
For he certainly's a digger,
He would, I tell you yes, sah;
See how he keeps a clicken,
He's as gentle as a chicken,
And nebber thinks o' kickin',
Whoa, dar, Nebuchadnezzah!

(Pause a moment.)

Is dis here me or not me?
Or has de debil got me?
Was dat a cannon shot me?
Hab I laid here more'n a week?
Dat mule do kick amazin',
Dat beast was split on raisin',
By now I 'spec he's grazin',
On de odder side ob de creek.

Cumberland Co., Pa. Maggie A. Cromlich.

"THERE'S A SONG."

There's a song in my mind,
Like a bird in a cage;
Soon it freedom will find,
In a far pilgrimage;
Then, its carol so free,
Under heavens of blue,
My own loved one will be,
All of you! All of you!

With its freedom once found,
Its sweet melody trilled,
It will fly homeward bound,
To the nest it once filled;
With its mission complete,
There no more to depart,
It will nestle, my sweet,
In my heart! In my heart!

Shelbyville, Ind. Alonzo L. Rice.

MEMORIES OF ASIA MINOR.

Mysia! Down her rocky hillsides fair
I can see the nymphs of spring descend,
Loud-laughing, to the golden-sanded sea,
Their tresses twined with Sow-bread and wild Rose,
With Violets and starry Hyacinths.
I can hear the rippling music of the shepherd
In Phrygian spring.
Far away, in the valleys of Midas,
It sounds in hours of long ago.
Hearest thou it—dream-flute, dream-melody,
Half plaint, half song?
On the hill-edges, where the last snow melts,
In early June, on bare lands where the Crocus
Blooms golden-hearted, white as fading snow,
I find at last the flower of Midas,
Wholly pure golden-hearted in the sun.
Chilly is the air! Chilly is the upland,
This yellow flower touched by no chilly hand.
Baltimore, Md. Will Thompson.

MY FLOWER GARDEN.

There is a garden fair to see,
With climbing vines walled high around,
Where clover and the blue grass spread
So thickly matted o'er the ground.
Half circled round the Lily pond
The stately Cannas in a row,
Where Iris and Tigridias
With clumps of Spider Lilies grow.

On either side Ricinus high,
So tropical with spreading leaves,
And all around the water's edge
The Buttercups a border weave.
The Water Moss and Pitcher Plant,
With Pond Lilies pink and white,
The gold-fish darting here and there
'Neath Lily pads they hide from sight.

The Dragon Flies with gauzy wings
Are ever darting to and fro,
While big Caladiums nodding low
Dark shadows on the waters throw.
The sloping lawn on either side,
All edged with Sweet Alyssum white,
Mingles with the emerald green,
Flecked o'er with Portulaca bright.

All hedged along the garden wall
The lovely Cactus Dahlias grow,
While o'er Cleome pungens' verdant leaves
Its flowers cast a rosy glow;
And in that garden fair to see,
There among the vines and flowers,
Watching Nature's loving ways,
I've spent so many happy hours.

Cook Co., Ill., Oct. 6, 1915. Mrs. Emma P. Ford.

WILD FLOWERS.

Fragile children of the wood,
Left to Mother Nature's care,
Storms and snows you have withstood
To arise in beauty rare.

When the winds of winter raged,
Trustingly you kept your beds,
Until spring his wrath assuaged,
Then you lifted up your heads.

Nodded in the pleasant air
Till you all were wide awake;
And we find you smiling where
Barren boughs of late did quake.

Not one little sleeper left
Heedless of the voice of spring;
Hopes that lately were bereft,
Now rejoice and bloom and sing.

Little wildlings, trusting, sweet,
We must each a lesson learn,
When from earth beneath our feet,
You to life and light return.

Shall we not, from out the dust,
Hear a sweeter, mightier voice?
And, with an unflinching trust,
Rise, to live and to rejoice?

Cardwell, Va., Jan. 3, 1916 Annie Smith.

MESSENGERS OF LOVE.

In early spring, when song-birds sing
And gently coos the dove,
Wild flowers appear our hearts to cheer
As messengers of love.

In wood and mead the perfume sweet
Greet us where'er we rove.
In every nook, where'er we look,
Are messengers of love.

The gentle breeze comes through the trees
Of yonder flowering grove.
Its fragrance we declare to be
God's messengers of love.

Woodburn, Ore. S. E. Roth.

THE DUMP.

I climbed a hill at the break o' day
And came to an old house there;
It was empty, and wearing itself away,
And it looked quite bleak and bare;
It had a past,—it was veiled in haze
But it lurked in the Lilac clump,
And I found a record of other days
When I came to the family dump.

Down where the staghorn Sumacs grow
At the foot of a big gray ledge,
Huddled the remnants that long ago
Came bouncing over the edge;
A joint of stovepipe, red with rust,
And skillets and pails of tin,
A dustpan, come to its final dust,
And a dish with a rag drawn in.

A gray umbrella whose tattered top
Still clung to a twisted rib,
An old hoop skirt, and a kitchen mop,
And part of a baby's crib;
An odd little red-topped leather boot
With a gaping hole in the toe,—
All here, like a conquered city's loot
That had outstood friend and foe.

And 'mid the relics of what had been
There grew a Forget-me-not,
And Mint and Rue that had gypsied in
From the old-time garden plot;
No step was needed to wend between
The house and the Lilac clump,—
Old days were keeping their memory green
Down there in the family dump.

Wash. Co., Vt. Florence Boyce Davis.

YOUTH, LOVE AND BEAUTY.

I'm thinking of the olden days,
When life was fair and bright,
When golden was the sunshine,
And far away was night;
When Youth and Love and Beauty
Plucked blossoms from the bough.
Say, have they all departed?
Where are those blossoms now?

Have they alike all vanished?
Are we of all bereft?
Oh, is there not one flower
Within our hearts yet left,
To cause us in life's winter
To dream of bygone spring,
And tender buds and blossoms
Again to birth to bring?

'Tis Beauty fair that fadeth,
'Tis Youth must pass away;
Bright summer yields to winter,
And night must kill the day.
But in our hearts, as ever,
Life's greatest joy still reigns,
For gone though Youth and Beauty,
Yet Love, oh Love remains!

Richmond, Va. Alvin McAuley.

SEED TIME AND HARVEST.

Spring is the time for sowing
Seeds of most kinds of grain;
After sowing comes the growing,
At harvest time the grain.

In the spring time hopes glow brightest,
And all Nature seems to say:
"Sow your seeds while hearts beat lightest,
Soon will come the harvest day."

As your sowing, so your reaping,
Thistles grow from Thistle seeds;
Evil deeds produce much weeping,
As weed seeds produce but weeds.

Joy and bliss will follow sowing
Of kind deeds, of love and peace;
Now while March winds fierce are blowing,
Sow good seeds—don't live at ease.

Woodburn, Ore. S. E. Roth.

THE RESTING PLACE OF MY DEAR ONES.

There's a spot on the sloping hillside,
The dearest on earth to me;
No mansion stands there in its beauty,
No voice rings joyous and free;
But the sunbeams rest lovingly on it,
The wind moans a plaintive air,
And the dew sheds its pearly tear-drops
On the graves of my darlings there.

Oh! surely, if Jesus, our Saviour,
Sought the grave of a friend to weep,
A mother may linger often
O'er the spot where her loved ones sleep;
Where no ear save His who made it
Can hear her bitter cry,
And none save the One Invisible
Can mark her tear-dimmed eye.

I have watched the crystal snowflakes
As they lightly floated down,
With gems and pearls of beauty
To cover the cold, bare ground;
But they fall like a leaden weight
Tonight on the graves of my dears,
And they hide away from my sight—
My sight long dimmed with tears.

I almost forgot in my heart-pain
That the snowflakes will melt away,
And spring will unveil them again,
Those graves where the precious forms stay
Ah! God took my darlings away—
Away from my arms and my sight,
And bore them to that upper fold,
That fold of continuous light.

And a mother's heart with love untold
Is bound to that heavenly shore,
And when she, too, shall reach that fold
He will give back her darlings once more.

Randolph, Vt. Mrs. A. J. Foster.

FLOWERS.

A dreary place this world would be,
Were there no lovely flowers,
To smile upon us day by day,
And cheer our weary hours

We sow the seeds and plant the bulbs,
God sends the sun and showers;
And in our garden soon we see
The bright and lovely flowers.

From early spring, through summer's heat,
They bloom in beauty rare;
When chilly autumn claims the last,
They never seem more fair.

When winter comes and covers o'er
The earth in robes of white,
Their fragrant blossoms in the home
Give us a new delight.

O, who would be without the flowers,
To cheer us on our way?
They tell us of our Father's love
And care for us each day.

Wilton, N. H., Jan. 3, 1916. Mrs. A. R. Perham.

GARDENING.

I plan my little garden now,
I see where Roses soon shall bloom,
And where the Dahlias gently bow,
If I can only make the room.

A bed of Phlox shall flourish there,
And Ramblers roam along the fence,
To fill each foot with beauty rare
I'm very eager to commence.

I want to dig and shape the thing,
I'm anxious now to be about it.
I hope I'll feel this way next spring,
From past experiences, though, I doubt it.

Anonymous.

THE THISTLES.

"Here's to the Thistle, the thorn and the weed,
The nettle and briar and all of the breed!
Incentives to effort and spurs to brave deed,
Here's to the Thistle, the thorn and the weed!"

THISTLES are at their best in the late summer, the time of year when one finds most of the richer dyed flowers. Gray lists only seven kinds, and of these he gives common names to only three, the common or Bull Thistle, Canada and Yellow.

The Bull Thistle is by far the most attractive. its great purple heads often measuring three inches across. This is the Thistle we most often see growing in our fields and pastures. The stem is stout and simple, from one to three feet high. It is hairy and grows from a biennial root stalk. While the flowers are usually solitary, yet often two grow on the same stem.

The green, lance-shaped leaves are clasping, rather hairy, pinnatifid, and armed with short, stout prickles. Just below the flowers are several small bract-like leaves also armor-clad. All these prickles are to keep thieving insects away, and if they are successful in getting to the green cup surrounding the purple flowers they find it not only well-armed, but also sticky, so that further progress is impossible.

All true Thistles belong to the composite family, as do most of our popular flowers, and they all yield an abundance of nectar which attracts both bees and butterflies.

The Bull Thistle is common from Maine to Delaware and Pennsylvania, blooming from July until September. In western Pennsylvania is the Shenango River, which in the Indian language is the word for great Bull Thistles.

The Canada Thistle, *Carduus arvensis*, is a small-flowered, perennial species that has strayed across the ocean and become a pernicious weed, "a vile pest," to quote Gray.

The stem is rather slender, branching, and grows from one to three feet in height. It grows from a perennial, creeping rootstalk that is, as far as farmers have discovered, very difficult to eradicate from the soil. It grows in extensive colonies, and, unless strenuous efforts are made to destroy them, they very soon take possession of a field to the exclusion of almost everything else.

The leaves, that grow alternately and closely together on the stem, are long, lance-shaped, deeply cut into sharply-prickled lobes. Numerous flower heads, about one inch across, terminate the branches. When in full bloom, the florets vary in color from rose-purple to white. The involucre is almost globular and covered with overlapping bracts, each with a tiny, sharp out-turned point.



On the sandy coast of Massachusetts one finds the Yellow Thistle, with rather large yellowish and purplish flowers. Then from Maine to Pennsylvania one finds the *Cnicus pumilis*, which grows from one to three feet high and has fragrant purple (rarely white) heads two inches across. In swamps and low ground grows a variety from three to eight feet high, which has few or no prickles, rather large naked heads of purple.

The *C. altissimus*, found from Massachusetts to Minnesota, grows from three to ten feet high, has wavy, oblong leaves, rather small flower heads. One variety has leaves which are green above and white below. Still another is the Virginia Thistle with slightly divided leaves and long naked peduncle.

The Star Thistle, which blooms from Nova Scotia to Ontario and New Jersey, from July to September, in waste places and along roadsides, has rose-purple florets, tubular in shape, with tawny, or brown, round involucre. Each branch has one flower.

The Sow Thistle, not a real Thistle, has a stout, smooth, grooved, hollow, succulent stem, one to six feet high. The leaves are more like those of a Dandelion than Thistle, but are armed with soft spikes. The small, Thistle-like flower heads are light yellow and grow in loose clusters.

The Thistle has long been highly esteemed in Scotland. One time the Danes came upon a Scotch army, who, never dreaming an enemy was near, were all asleep. All was very quiet, the invaders were creeping stealthily forward, thinking to surprise the Scots and thus gain an easy victory, over ground covered with Heather and low-growing plants, chief among which was the Thistle. As the camp was neared one of the Danish soldiers, who, the old legend said, had but little covering for his feet, unwarily trod on one of the Thistles, the sharp prickles of which caused such pain that the soldier gave a sudden loud cry. The Scottish sentry heard, aroused the sleeping camp, the men flew to arms, attacked the Danes and defeated them with terrific slaughter. In gratitude for the victory the Scots adopted the warning Thistle as their badge, and so it has remained ever since, and its very appropriate motto is "Nemo me impune lacessit," which means "No man shall provoke me with impunity."

Sharon, Pa.

Sarah G. Morrison.

[Note.—The scientific name of Bull or Spear or Horse Thistle is *Carduus lanceolatus* (L.); of Canada Thistle, *Carduus arvensis*; of Yellow Thistle, *Carduus spinosissimus* (Walte.); *Carduus altissimus* is the Tall or Roadside Thistle; the Virginia Thistle is *Carduus Virginianus* (L.); Star Thistle is *Centaurea Calci-trapa* (L.); Sow Thistle, *Sonchus oleraceus* (L.); Scotch Thistle, *Onopordon Acanthium* (L.). *Cnicus pumilus* is the Pasture Thistle, and *C. nuticum* the Swamp Thistle. It should be borne in mind that Thistle is not a scientific name, but a common name applied to many plants of various genera and species. * * The Thistle that grows in old fields in Scotland appears in formidable clumps, usually from one to three feet high, though the plants grow much higher when going to seed. They are exceedingly spiny, and a most vicious weed.—Ed.]

GIRLHOOD FRIENDS.

Only a few short years have passed
 Since as strangers meet, we met.
 The pleasant hours we've passed since then,
 I'll never, no never, forget!
 To and fro to school we went
 In happy, careless glee,
 Scarce thinking of the coming years,
 Or what the future might be.
 Together we ming'ed our teardrops
 When our little classmate died;
 Dear Carrie we will never forget,
 Though she has passed to the other side.
 But now comes the hour of parting,
 And it fills the heart with pain,
 As the question comes over and over—
 Shall we ever meet again?
 But we know our Heavenly Father's arm
 Is around us each in love.
 Though we may be parted here on earth,
 We'll meet in Heaven above.

Randolph, Vt.

Mrs. A. J. Foster. |

SHIRLEY POPPIES.

LAST year, towards the last of November, I had a large space, perhaps 3 by 12 feet, spaded and enriched with well-rotted manure. This was raked and pulverized very fine, then the little black seeds of the beautiful Shirley Poppy, about half a thimble-



bleful, was mixed in about one quart of sand, and sowed over this ground. After a long winter's sleep, the seeds, kissed by the rain and dew and warmed by the life-giving sun, arose, and oh, such a transformation! It

was a resurrection, indeed! I used to go out in my Poppy-garden to worship.

Kewanee, Ill.

Mrs. A. N. Shilton.

Cactus Seeds.—When planting mixed Cactus seeds it is well to remember that the flat, light-colored ones are, in almost every case, seeds of *Opuntia*, while most other sorts are black, smaller and very much alike. There are many more failures from overmoisture than from any other cause. Most Cactus seeds are very slow in germinating. All Cactuses taken from their natural home require less care and more sun and air than those used to indoor culture. To darken the foliage and flowers of the Christmas Cactus, place some broken charcoal in the potting soil. Cactus Lover.

Mohave Co., Ariz., Dec. 10, 1915.

Pansies.—I never saw anything in my life prettier than the Giant Pansies I raised from seeds. I had the bed at the east end of the house, and when freezing weather came I placed some boards at the north side. It froze and snowed, and yet the plants bloomed; and on Christmas day the snow had just gone, and still there



were Pansy flowers. I picked some for a neighbor who came in on Christmas to spend the afternoon.

Mrs. J. Spink.

Meade Co., Ky., Feb. 17, 1916.

FLORAL NOTES.

ROSES like a rich soil, and they should have some good manure dug in around them every spring. Just before growth begins in the spring is the best time to prune them.

Camellias (which by the way are little grown at present, on account of our hot summers), require a cool temperature. The buds will drop where it is too warm.

March is a good time to start slips of Petunias, Verbenas, Heliotrope, Coleus, Geraniums, etc., for bedding out.

Tuberose bulbs should be started into growth in the house in March or April, and put into beds about the first of June.

Blooming plants require more water and sunshine than before the bloom appears. Don't let the roots become dry, and be sure to pick off the flowers before they fade on the plant.

Start the Salvias early for summer blooming. Train them into thrifty plants for outside planting, and as soon as mild weather sets in, set them out to brighten up some corner with their gorgeous bank of beautiful red.

Spring blooming Pelargoniums should be watered freely and given liquid manure occasionally, as the sun brightens up about February. Every effort should be made to have a brilliant display as the blooming season approaches.

Soap suds, with no odor, are an excellent remedy to rid plants of lice.

Alvin McAuley,

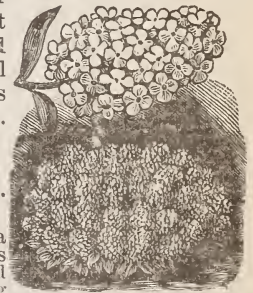
Richmond, Va.

Sweet Alyssum.—I bought a packet of Sweet Alyssum seeds and planted them in the open ground as a border to a bed of Cannas. It was soon in bloom and remained so nearly all summer. Some plants of it are still in bloom. It is very pretty.

Mrs. Lucy E. Pelton.

Branson, Mo., Nov. 11, 1915.

[Note.—In Florida Sweet Alyssum blooms throughout the winter, and can be used as an edging for a bed of *Vinca rosea* or Trailing Lantana. The plants bloom all the better there in winter if started in autumn.—Ed.]



Petunia.—I want to tell how I converted the covering of an old cistern into a thing of beauty. I covered the boards with a good, rich amount of soil, then sowed thickly with common Petunia seeds. The result was beyond my expectations. It was soon covered with a mass of green; then came the bloom. All summer long it was a joy to me every time I looked upon it.

Mrs. H. S. W.

Owensboro, Ky., Dec. 7, 1915.

Splendid Summer-flowering Bulbs.

Calla, New Perle Von Stuttgart, a very superior sort; free-blooming, and both flowers and foliage large and handsome; sure-blooming. 20c each, \$2.00 per dozen.

Dicentra spectabilis, Bleeding Heart; long racemes of drooping heart-shaped flowers; grows 25 inches high; hardy. 15c each, \$1.50 per dozen.

Dahlia, Double, finest named white, rose, crimson, purple, yellow, salmon and variegated. 15c ea., \$1.50 per doz.

Funkia subcordata, the White Day Lily; beautiful foliage; large, white fragrant lily-like flowers. 15c each, \$1.50 per dozen.

Helleborus niger, the beautiful Christmas Rose; flowers large, of various colors. 25c. ea. \$2.50 per doz.

Heimerocallis Disticha, double, orange-scarlet with red shadings; very beautiful; not unlike an Amaryllis in appearance. 15c ea., \$1.50 doz.

Heimerocallis flava, the elegant yellow, fragrant Day Lily; grows two feet high, becoming a fine clump of sweet bloom; perfectly hardy and tenacious. 10c each, \$1.00 per doz.

Heimerocallis Thunbergi, just like *H. flava*, but a month later in blooming. With these two the season of bloom is greatly prolonged. 10c. each, \$1.00 per doz.



Heimerocallis Auranitiaca major This is a new and beautiful golden-flowered sort from Japan. The flowers are like those of hybrid Amaryllis, and of a bright golden color. It is a grand garden plant. Price 15 cents each, \$1.50 per dozen.

Heimerocallis Sieboldii, grows a foot high and makes an elegant low border a foot high; flowers rich and in clusters; early, and come in great abundance for many days. 10c. each, \$1.00 per doz.

Iris Pallida Damatica, the finest of all Iris; forms a semi-globular clump two feet high, showing a mass of huge, exquisite, fragrant lavender blue flowers, surpassingly handsome; 15c. each, \$1.25 per doz.



Lilium Schrymackersi, very deep red; a beautiful hardy Lily of the Speciosum class; should be in every garden; easily forced in the greenhouse. 25c each, \$2.50 per dozen.

Lilium Melpomene, dark red, very attractive; hardy and lasting. 20c each, \$2.00 per dozen.

Lilium Auratum, the glorious fragrant gold-banded Lily from Japan; easily grown; sure to bloom. Large bulbs. 25c each, \$2.50 per dozen.

Lilium lancifolium rubrum and album, 25c each, \$2.50 per doz. When once planted these will last for years. Large bulbs, finest of garden Lilies.

Lilium Henryi, the new giant Lily; will grow ten feet high in rich, deep moist soil, branching and becoming a veritable Lily tree, the flowers of large size, swaying upon their stems like big bells; orange-scarlet, beautiful. 75 cents each.

Lilium Tigrinum splendens, the improved Tiger Lily, grows four feet high, covered with graceful flowers, orange spotted brown; very attractive. 10c. each, \$1.00 per doz.

Lily of the Valley, elegant little white fragrant bells in graceful racemes; eight inches high, very dark green, beautiful foliage, hardy. Five pips or roots, 20c, 40c. per doz.

Peony officinalis rubra, dwarf, old-fashioned red, fragrant Double Peony; hardy and lasting; one of our best herbaceous perennials. 15c. each, \$1.50 per doz. I can also supply pink-flowered at the same price.

Peony, Chinese, 3-eye clumps, white, pink, red, and mixed; perfectly hardy; two feet high; immense double flowers. 15c. each, \$1.50 per doz.

Tritoma MacOwanii, two feet high; flowers orange-scarlet in big, flaming heads; continuous blooming; very showy; hardy. 15c each, \$1.50 dozen.



Water Lily, white, with yellow center; beautiful in foliage and flowers, fragrant. 20c each, \$2.00 per dozen
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Tells "How to Court a Beautiful Girl," "How to Woo an Heiress," "How a Lady Should Manage Her Beau to Make Him Propose Marriage," "How to Catch a Rich Bachelor," "Love Letters," "How to Win the Favor of Ladies," "Wedding Etiquette, etc., etc." All subjects treated in a manner that will be found most helpful to Lovers. This Great Book cost \$1.00 but is now only 10c or 3 for 25c. **TEEL BOOK CO., HURLEYVILLE, N.Y.**

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Imantophyllum minimum, a splendid pot plant with green strap-shaped leaves and orange-scarlet bloom. 25c ea. \$2.50 doz. Geo. W. Park, La Park, Pa.

CORRESPONDENCE.

From Michigan.—Mr. Park: Last spring I subscribed for your little Magazine through one of my neighbors, and received 10 of the most beautiful Gladiolus I have ever seen.



One was a real dark purple nearly black, two were of the very largest and flesh-colored, and in fact they all were simply grand, and no doubt they were admired by every one who saw them. This we know, for along about the first of October we moved to our present situation, and our bulbs were not quite ready to be taken up, so we decided to leave them just a few days longer, until the frost would kill them off.

But one day when we went to pull we found, to our sad disappointment, that some one else had taken them. We miss them very much, and I hope to have another bed of a like assortment some day.

We enjoy the little Magazine and will continue taking it. Enclosed with this letter you will find my subscription with the premium.

Mrs. Charles Johnson.

Cadillac, Mich., Dec. 3, 1915.

From Oregon.—Mr. Park: I was glad to see the letter from Iowa about the exchanging of plants, or rather the packing of plants. Some years ago, I offered an exchange, and received plants from all over the United States. I received about 70 packages, and only six or eight were properly packed. Many came just loose in card board boxes, and as dry as tinder. Some wrapped in paper—no moss or anything with the poor things to keep a little life in them. I would like to exchange again, but I felt it was throwing money away, sending well-packed plants for dead ones. I remember that the postage cost me \$3, and I thought, "Oh, if I had only sent that money to Mr. Park, I would have some living plants to look at."

A. D. H.

Coos Co., Ore., Oct. 21, 1915.

[Note.—In mailing plants it is almost necessary to have Sphagnum Moss, and pack in boxes or tubes. In packing dip the roots in water, cover with damp (not wet) moss, and wrap tightly in oiled or waxed paper, which keeps in the moisture and prevents the action of the air. Carefully avoid wetting or moistening the tops, as it may cause them to mold and rot.—Ed.]

From Maine.—Mr. Park: I have been a silent reader of your paper for some time, but I read every word of our big little Magazine, and know you all. Ima is my favorite. How I wish I knew her. My windows are full of house plants, and I would like more also. I have hardy Roses and bush Honeysuckles that are large and handsome. I have four children that are the best, and I am a flower and poultry crank if ever there was one.

Mrs. Plummer.

Southport, Mo.



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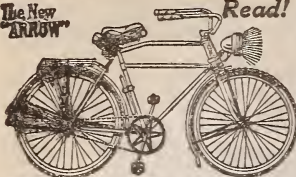
100 Gladiolus Free. Send 10 names (\$1.50) and I'll mail you, as agent, 100 Fine Gladiolus, and to each subscriber 10 bulbs and Magazine a year. Or, I'll mail 10 bulbs for each subscription you get.

Park's Gladiolus are the finest strain. None better. There's profit in the cut flowers. Get your share. 1000 Big Bulbs prepaid \$6.00; 500, \$3.25.

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6	18	5	5
1	21	20	15

CAN YOU SOLVE THIS PUZZLE?

Each of these squares represents a letter but we have used figures instead of letters. There are 26 letters in the alphabet. Letter A is 1, B is 2, C is 3, etc. The eight letters represented by figures form two words which will interest you mightily. Send the words on a slip of paper together with 2c in stamps to pay mailing charges, etc. Agree to show my plan and mds. to your friends and I will give you a big pack of pretty post cards & other useful novelties that will surely please you. Can you solve it? Write quick. THE AUTO MAN, 357 New Ideas Bldg., Philadelphia, Pa.

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CHILDREN'S CORNER.

Dear Mr. Park:—My mamma has taken your Magazine for some years and she likes it very much. The Gladiolus bulbs she bought from you in the spring are blooming nicely. I am a farmer's boy, seven years old. I can milk cows, and can help along with lots of other work. I have three miles to walk to school, and in the winter time I do not go. We live from ten to twelve miles from the nearest city. Last week I got a letter from a little boy friend in South Dakota, who lives eighty miles from the nearest railroad station, that being Ashcroft, South Dakota. He writes that a new country school was built in his neighborhood, and that all the folks that send children to that school have each been asked to get up a collection till January 19, 1916, as an aid to the new school building. He has asked me in his letter to help him, which I will try to do.

George Mathis,

Fountain City, Wis., R. 2, Box 47.

Dear Mr. Park:—I am nine years old and live on a farm of 68½ acres. I go to school every day, and am in the sixth grade. I have a fine dog named Ring. He seems to understand everything that happens, but he don't like cats. When mamma kills a chicken and tells him to watch it, he will stand guard over it and not let anyone or anything get near the chicken. When the heifer died and was buried Ring went down and sat on her grave. I also have a pet cat named Tiger, and he catches many rats and mice. We have two horses, six hogs and three cows. We have a good many house plants, besides lots of pretty yard flowers. Mamma thinks your Magazine is fine, and we all do.

Neville, O., Nov. 8, 1915. Isabel Spaulding.

Dear Mr. Park:—I am a city girl of 17, and go to business every day. We live on a street which is the highest point in the city. I am the only child at home. I have one sister married. We live in a house with all modern improvements, and have a Shubert player piano with a mandolin attachment for amusement. My father takes Park's Floral Magazine, and we certainly appreciate reading it. Letters exchanged.

Ida M. Willson.

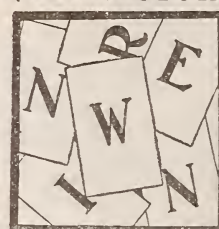
562 15th Ave., Newark, N. J., Feb. 8, 1919.

Dear Mr. Park: I am a boy of 14, and live in town. Mother has her windows and flower beds full of buds, which she got off of you. We take your Magazine, and one fall we stopped taking it until spring, and we could hardly get along without it.

Laurence Lizyness.

Monroe Co., Mich., Feb. 17, 1916.

\$275 MOTORCYCLE—FREE



SOLVE THIS PUZZLE

Can you find the hidden word in the cards? Try it. The word contains six letters. Send answer with your name and address at once and you will be considered in awarding \$275 Indian Motorcycle and 16 other prizes given away on June 30, 1916. Answer today and we will send you 1,000 votes toward \$275

Motorcycle. Duplicate prizes given in case of tie. Whether you win the Motorcycle or not, you get VALUABLE PRIZES and CASH REWARDS. FARM LIFE, DEPT. P.F.4 SPENCER, INDIANA.



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Interest you? Answer quick. Secure valuable agency. Auto necessities. Guaranteed fast sellers. Quick repeaters. Remarkable money makers. Address H. C. Rayburn Co., 181 N. Dearborn St., Chicago.

CORRESPONDENCE.

From North Carolina.—Mr. Park: I am so glad that M. E. Humphrey wrote about the Chrysanthemums in the December number. I, too, am a lover of this grand flower. I only wish the readers of this Magazine could have seen my flowers from the 15th of October until the 1st of December. I raise mine all in my flower yard. Some of my plants stood seven feet high and the foliage was the richest dark glossy green I have ever seen, the blooms measuring some 16 and 17 inches in circumference. My first in bloom was a white called Honesty. It had handsome flowers, but the outer petals turned black after coming out. I wish some one would tell me the cause of this. I thought it might have been the sun too hot after the dew at night, as I had no protection. The ones that bloomed later did not have that trouble. I had fine yellows, the Col. D. Appleton and a very large cream that has a slight touch of pink; and the one that is admired the most is a lavender pink that is perfectly gorgeous. It never loses its color. I pulled mine after it was in bloom for two weeks or more, and I kept it pretty almost six weeks.

Mrs. N. S. Alexander.

Charlotte, R. 9, N. C., Jan. 1, 1916.

From Mississippi.—Mr. Park: Your paper is the very thing to study to improve the beautiful flower yard and garden. I'm a flower lover, also delight in raising all kinds of berries. I have one-fourth acre in the wonderful Himalaya berry, which I think the finest berry grown. The vines are so large and covered with the most delicious fruit from July until frost. The fruit resembles the Blackberry, and is used to make the best preserves, jelly, wine, and excellent pies. They begin to fruit the second season, and thereafter are laden with the most delicious fruit. When properly pruned it makes a weeping tree, or if allowed to run will reach a height of 50 or 60 feet in a single season. There is nothing to equal them. A few plants will supply a large family throughout the entire season. I am very fond of raising chickens, and like the White Leghorn as they are such egg producers. My White Leghorns are beautiful. They are prize winners. I have some pretty blue ribbons which they have won.

Mrs. F. T. Mullikin.

Kossuth, Miss., Jan. 23, 1916.

From North Carolina.—Mr. Park: I live between the village of Elmwood and the little city of Statesville. We have two good schools on the road and two churches and three stores, so you see as the towns are only eight miles apart it is not a bad place to live. I will try to tell you something about "the best town in the State," as it is called by the railroad men. Statesville has 950 feet of altitude. On the southern slopes of both the Blue Ridge and the Brushy mountains, it makes our winters open and mild. Here the Roses bloom twice a year. It is situated on the Southern Railway and the central highway traversing North Carolina from the coast to the mountain passes our door. It is the county seat of Iredell, situated near the center of the county on a ridge of hills overlooking broad fertile valleys with mountains standing like sentinels in the distance. It has the largest herbarium in the world. It has good schools for white and colored. The Statesville Female College, of which we are justly proud, is one of the best schools in the State; and a colored school which has four teachers. There are fine churches and a great many factories. It has a population of 8,000, also two hospitals and a visiting nurse.

Mrs. Walter Murdoch.

Statesville, N. C., Jan. 25, 1916.

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A Detroit musician has invented a new method by which any little child or grown person can learn to play in one hour in their own home. Three sheets will be sent absolutely free to any person addressing a postal card to Numeral Method Music Co., Dept. 825 S. Detroit, Mich.—Adv't.

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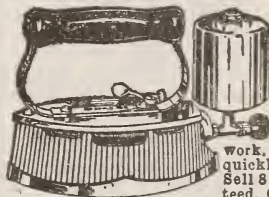
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20	8	5
1	21	20
16	12	1

Each of these squares represents a letter—but we have used figures instead of letters. There are 26 letters in the alphabet. Letter A is 1, B is 2, C is 3, etc. The eleven letters represented by figures form three words which will interest you mightily. Send the words on a slip of paper with a 2c stamp to cover postage—agree to show my plan and mds. to your friends and I will give you a big pack of pretty post cards and other useful novelties.

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Cooks entire meal over one burner. Will not burn or scorch food. Guaranteed 15 years. Thousands will be sold—low price—big profit. Write quick for exclusive territory and large free catalogue of 400 specialties.

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CHILDREN'S LETTERS.

Dear Mr. Park:—I am a farmer's daughter, 15 years of age. Our farm contains 120 acres. I expect to graduate next year from High School. We take your little Magazine and like it very much. I will be sure to answer all letters and cards which I receive from boys and girls.

Thelma Ayers.

Jasper, Mich., R. 1, Feb. 10, 1916.

Dear Mr. Park:—I am a girl of 18 years and live on a farm of 63 acres. My father takes your Magazine and I like it very much. I am a lover of flowers and birds, and fond of music and reading.

Bessie Mayfield.

Mannington, R. 3, W. Va., Nov. 6, 1915.

A WOMAN FLORIST

6 Hardy Everblooming Roses 25c

On their own roots
ALL WILL BLOOM
THIS SUMMER

Sent to any address post-paid;
guaranteed to reach you in good growing condition.

GEM ROSE COLLECTION
Mrs. Andrew Carnegie, Snow White
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Hardy, Everblooming, Guaranteed True to Name
MERISSA—Delicate pink, deep center. **HADLEY**—Deep velvety crimson. **BRITISH QUEEN**—Splendid pure white. **MRS. AARON WARD**—Glorious coppery orange. **MRS. E. ALFORD**—Large silvery pink. **RADIANCE**—Brilliant rosy carmine.



I will send the 6 Roses in large 2-year size postpaid for only \$1.25.

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PERLE de O'R—Best white
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One tuber, any variety, 15 cents. Any 3 for 40 cents. The 6 for 75 cents postpaid.

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New Century, Cactus, Black Striped, Double, Single, all colors. For 10c I will send 50 seeds—enough for a fine Dahlia Garden. Catalog FREE.

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Red Dorothy Perkins, fiery red climber; Killarney, best pink; Radiance, carmine; Peerless, pure white; Lady Hillingdon, apricot yellow; Eugene Bouillette, deep crimson. Postage paid. safe arrival and satisfaction guaranteed.

- 6 Assorted Ferns 25c
- 6 Chrysanthemums 25c
- 6 Basket Vines 25c
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15 Assorted Strawberries . 25c. 6 Carnations . . . 25c
Any Five collections (30 plants), \$1.00, charges prepaid.

Our 1916 catalog full of cultural directions and bargains. Write for it today—it will be sent you **FREE**
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FREE FOR TESTING.

A pair of mated **EVERBEARING STRAWBERRY PLANTS FREE** if you will report as to your success with them. Will bear loads of big, red berries from June to November. We have counted 480 berries, blossoms and buds on a single plant. A postal will bring the plants, also enough seed of the new **CEREAL FETERITA** to plant a rod square of ground. Also a pkt. of perennial **ORIENTAL POPEY** seed. Send 10c for mailing expense or not, as you please. Write today and get acquainted with

THE GARDNER NURSERY COMPANY, Box 706, OSAGE, IOWA
NOTE: We will send one dozen genuine Everbearing Strawberry Plants, enough for one bed, for 60 cents, postpaid.

A LITTLE GIRL'S STORY.

[Dear Mr. Park:—I am a small girl, thirteen years old. I have no brothers or sisters, but I have many friends. My father has taken your Magazine for three years, and I like it very well. We always have a large garden, with vegetables and flowers.

Often, when I have nothing else to do, I write stories; so I wrote one for your Magazine. If not suitable throw it away. But I hope to see it in your Magazine rather than in the waste basket.

Dorothy Lintner.

St. Joseph Co., Ind., Feb. 17, 1916.

BETTY.

Mrs. Anna Lee lived in a large house near a pretty brook, which runs merrily along its winding path. Mrs. Lee's home was often called the "hidden secret," because through the lovely garden and well-kept grounds nobody was allowed. The haughty sign which read "Keep Out" was looked upon as if Mrs. Lee was a very cross lady; but she just appeared so.



Her married life was broken up when her husband died, leaving her with one child.

Mr. Lee had been a lover of flowers, and he always kept their beautiful home and surroundings full of flowers. Her child married and moved far away, but she did not care what happened. Just so the yard was well-kept in memory of her husband.

The school children on their way home would often stop to admire the flowers, but Mrs. Lee would say: "Pass along children; I raise these for my own pleasure."

One day when Mrs. Lee was in the garden she heard the patter of little feet upon the velvet grass, and looking around there stood a little girl, dressed, oh, so fine.

"So you'r Mrs. Anna Lee," said the child, without giving Mrs. Lee a chance to sepak, "I'm going to pick some flowers for my mother at the hospital."

"How did you get in?" asked the surprised Mrs. Lee.

"I just opened the gate and walked in," said the child, starting to pick some flowers.

"Stop, child, those are my most precious of all," cried Mrs. Lee, starting towards her.

"Oh! no, Mrs. Lee, you can't refuse me; these are for my precious mother at the hospital. She is coming home to-morrow, so I was just going to see her now, and when I saw your flowers I just walked in. Don't you know you are selfish;

Lancaster County Field Corn, "Seek No Further."

I have a limited amount of the "Seek No Further" Field Corn to offer this season, and will fill orders as they come in as long as the supply lasts at \$2.00 per bushel, \$1.25 per half bushel, 75 cents per peck, in sacks delivered at express office here, not prepaid.

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69 varieties. Also Small Fruits, Trees, etc. Best rooted stock. Genuine, cheap. 2 sample vines mailed for 10c. Descriptive catalog free. **LEWIS BOESCH, Box C Fredonia, N. Y.**

everybody says so." And the child darted out of the gate and was soon out of sight.

That night Mrs. Lee could not sleep, for what the child said was running through her mind. If she only comes again, maybe—maybe my flowers might do somebody good—if only she comes back. Some way that little child had opened her heart.

The next day, in the afternoon, the little girl again came up to Mrs. Lee in the garden.

"It's me again," she said. "I took those flowers to mother, and they helped her; she said they were the prettiest flowers she ever had seen, and when I told her how and when I got them, she gave me this half dollar to pay for them, so here, take it, for mother wishes it."

"Sit down here," said Mrs. Lee.

"I shall be glad to, if you won't scold me."

"No, child; but first tell me your name."

"My name is Betty Anna Perkins," said the child, as she tied on her dainty bonnet.

"Betty Anna Perkins," quoted Mrs. Lee.

"Yes, I'm named after you."

"Why after me, Betty?"

"Well, tell me this first, and then I will tell you. Do you think you could love me, after the way I treated you?"

"Betty, dear, I love you with all my heart; you have led me to see that I am selfish, and from tomorrow on my gates shall be open, so everybody can enjoy my flowers with me."

"Oh! I am glad, and I love you. You're not a bit selfish, after I got inside of your heart. You are my grandmother, my mother said so," said Betty, as she watched Mrs. Lee.

"You—you are my daughter's child," cried Mrs. Lee, as she took Betty in her arms.

"Yes, grandmother, come with me," and she led Mrs. Lee to the house; and on the porch sat Betty's mother.

Mrs. Lee let go of Betty's hand and ran up to her daughter. "Welcome, Mary, welcome," cried Mrs. Lee.

The next day the gates were opened, and another gardener was engaged to help improve the grounds.

Betty would run wildly along the brook; she could not have been more happy.

[To be continued.]

CHILDREN'S CORNER.

Dear Mr. Park:—My mother has been a subscriber to your Magazine for many years, and I enjoy reading it very much. This is my first attempt at writing to your Magazine. I live on a farm, and we raise corn, peas, sugar-cane, peanuts, and sweet and Irish potatoes. We also raise stock and poultry. I have a start of cattle, if nothing happens to them. We have some pigs, and they are so pretty and fat. We also have some pretty chickens; they are Buff Plymouth Rocks. We raise the Bantams, too, but they are quite small, and more of an ornament than anything else. I have several kinds of flowers, both pot and yard flowers. Some of my pot flowers were killed this winter. I have a Cactus that is a curious looking plant; in the summer time it will be large and green, and in the winter it will turn slightly brown and shrink up. It has funny flowers on it; they are a greenish-yellow. Mine had sixty blooms on it last summer. I will send anyone a cutting of it for a piece of Christmas Cactus. I have two brothers and one sister. My sister is married and has two sweet little children. My father and mother are both still living. My father is an old Confederate soldier.

Dayton, Miss., Jan. 16, 1915.

Mabel Cobb.



BIRD MANNA!

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CORRESPONDENCE.

From Massachusetts.—Mr. Park: In the November number of Park's Floral Magazine I noticed an article from Mrs. Mary E. O'Neal, of



Wilkesburg, Pa., about her Brugmansia Suaveolens, and I am glad that she has such a lovely plant. I have one four years old, and in July it had about sixty blossoms upon it; and then the last two weeks of August it had two hundred and eighteen blossoms; and then again the first of October it had fifty-three more. The trunk of the tree is three inches in diameter, seven or eight feet high. This was called a marvel of beauty and many came to see it. I have to trim it back in the fall, in order to get into the cellar for the winter, for it will not stand freezing.

W. A. Bliss.

Westfield, Mass., Nov. 6, 1915.

[Note.—This plant is hardy in the South, and a very handsome yard decoration. At Lakeland, Florida, in February of this year, I saw dozens of outdoor specimens in full bloom, and I am told that they bloom equally well at various periods throughout the year. A plant in my greenhouse is hardly ever without flowers, and if bedded out in summer at the south side of a wall or building the plant makes a striking display during summer or autumn. Plants are easily started from cuttings, but I do not recommend their propagation from seeds, as the seeds rarely germinate satisfactorily.—Ed.]

From Indiana.—Mr. Park: As I was reading my January Magazine I saw an article on plant pests, so I will give my experience. Although I have several smokers in my family, I found about five weeks ago that my Oxalis (I have two, a pink one and a white) were covered with green aphids. I neglected doctoring them for some time. Then I took tar soap and made a strong suds, cut all the old leaves and burned them, and washed the tops with the suds and wet the soil with the suds. Now my plants are covered with thrifty green leaves. I have also used it for my Oleander that was covered with scale, and found it would keep them off if used whenever I found one on my plant.

Mrs. Joseph Waugh.

Columbia City, Ind., Jan. 20, 1916.

AGENTS A Big Seller

Screen Door CHECK Splendid summer seller. Stops the bang and saves the door. Big demand. A sale in every home. Dozen can be carried in pocket. Demonstrating sample free to workers, **THOMAS MFG. CO., 4450 East St., DAYTON, OHIO**

Save Embarrassment of Buying in Store Comfort Sanitary Belt and Six Compressed Napkins sent prepaid in plain package on receipt of only 50c. **COMFORT MFG CO., 1216-C Hoe Ave., Bronx, N. Y.**

THE TOBACCO HABIT.

The tobacco plant is so very poisonous to those who persist in using it. Why do men and youths form such a filthy habit as chewing? It don't look nice, and in time it will destroy your nerves and your respect for those who don't use it. I have a close friend who chews and smokes tobacco, and oh, dear me, what a disgusting habit! He expectorates on the stove-hearth, and his wife has to clean up the filth he makes with the nasty weed. The cigarettes do not look so disgusting as the chewing, but they are very harmful to the body, causing catarrh, smoker's sore throat, and various other diseases. Why not save those few five-cent pieces that go for tobacco within a year? Just think what you would have saved if you hadn't smoked all those cigarettes and chewed that tobacco which gave you that awful cough and dyspepsia. Why don't you boys make a New Year's resolution not to use the nasty weed. It is rather late for this, as it is past New Year, but, anyway, better late than never; only don't use tobacco any more. I know that sweetheart of yours would be delighted if next Sunday morning you would tell her, "I have quit using tobacco and I am never going to smoke another cigarette." You married men take heed and quit using tobacco, and your wife will have much more respect for you. You lady readers of this Magazine draw the attention of your husband, brother or sweetheart to this bit of advice, and urge them to take heed. Cora Harris.

Downing, Wyo., Jan. 25, 1915.

CHILDREN'S CORNER.

Dear Mr. Park:—I am eighteen years old and live in town. I like flowers and birds, and have a dog for a pet. J. Russell Howell.

East Stroudsburg, Pa., Feb. 2, 1916.

Dear Mr. Park:—We have taken your little Magazine for some time, and I certainly do enjoy it, especially the Children's Corner. About a month ago I had the pleasure of taking a trip out West. Some of the states we visited were Nebraska, Missouri, Kansas, Colorado and Wyoming. The mountains and Pike's Peak covered with green pine trees were grand, and any of the Floral Magazine readers who live near them have, indeed, a grand opportunity to see them, while we who live back east where I do must content ourselves with visiting and reading about them. The first clear sight of Pike's Peak we had was running into Denver. One of the places I so much enjoyed visiting was a ranch in Wyoming. Kansas City is a very peculiar city, being composed of a great many hills. The weather was certainly fine.

Clinton, Ia., Jan. 3, 1916. Maud M. Bryant.

Dear Mr. Park:—I am thirteen years old, and am always interested in the Children's Corner. Mother has taken your Magazine for seven years. I took a trip to Duluth with my father in our car, and we passed through lots of beautiful scenery, and also through sections where the great Hinkley fire was several years ago. At one place the road wound around like a snake, and was called the Snake road. The answer to Stella E. Maltby's riddle, "What goes around the house every day and stays in the corner at night?" is a broom. I will give another riddle:

Black as a crow at each end,
Red as a fox in the middle,
Walks upon twenty-four legs,
And is not as big as a fiddle.

Averil M. Bromaghim.

Janesville, Minn., Jan. 9, 1916.

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Address **GEO. W. PARK, La Park, Lanc. Co., Pa.**

Abutilon Anna, a very satisfactory everblooming pot plant North, and outdoor plant South; will assume a tree form, grow five feet high, and is rarely without its lovely open bells throughout the year; color orange, penciled with red. 10c. each, \$1 doz.

Abutilon Royal Scarlet, a very handsome "Flowering Maple," the foliage rich green and the big bell-shaped flowers rich scarlet, exquisitely penciled. 10c. each, \$1.00 per doz.

Abutilon Thompsoni plena, foliage green and gold blotched, the flowers double, orange, veined with red; a fine variety. 10c. each, \$1.00 per doz.

Acalypha bicolor, a splendid foliage plant, every leaf green mottled and edged with creamy white; hardy in the far South. 10c. ea, \$1 doz

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Alternanthera, red, also green, handsome foliage plants useful for pots as well as beds. 10c. ea. \$1.00 per doz.

Amomum Cardamomum, a plant of easy culture with Cannalike green foliage that is deliciously fragrant when disturbed. It stools out and in a large pot makes a fine appearance. 10c. each, \$1.00 per doz.

Ampelopsis Veitchii, the Boston Ivy; a Japanese vine that clings to a wall, branching and completely covering it; in autumn the foliage changes to a rich scarlet, and is gorgeous. 10c. each, \$1.00 per doz.

Aspidistra lurida, a graceful green decorative plant, almost hardy, and growing well in any window. No insects trouble it; it withstands gas better than other plants, and it increases in beauty with age. Give it a rich, porous, well-drained compost; water freely while active, and sparingly when resting. It is an evergreen, every leaf lasting for years. 10c. each, \$1.00 per doz.

Begonia Alba perfecta grandiflora, a distinct Begonia, the long, narrow, light green leaves undulate or wavy along the margin; white flowers in clusters in abundance; fine. 10c. ea., \$1 doz.

Begonia Mrs. Townsend, a fine winter-blooming Begonia with waxy bronze-green scalloped leaves on fleshy stems spotted red; flowers rosy, in clusters on long, strong stems. 10c. each, \$1.00 per doz.

Begonia robusta, a free growing Begonia, the graceful narrow leaves on coral-red stems; plant branches and bears finely drooping clusters of rosy carmine flowers.

Begonia semperflorens white, rich green foliage, dense, the flowers in clusters, developing from the leaf axils. 10c. each, \$1.00 per doz.

Begonia semperflorens, pink, same as the white, but flowers of a pink color. 10c. each, \$1.00 per doz.

Boston Smilax, a charming vine for a pot trellis, and for cutting to use for designs and bouquets. Sprays of this vine are fine for personal adornment; of easy culture, and should be generally grown. 10c. each, \$1.00 per doz.

Browallia speciosa, the most showy of the genus, blooming freely winter and summer; flowers large, blue, produced even under unfavorable conditions. A lovely flowering plant that should be in every collection. 10c. each, \$1.00 per doz.

Campylobotrys regia, a rare and showy foliage plant, every leaf velvety bronze-red, veined and ribbed white; reverse side dark pink; grows freely and is always much admired. 10c. each, \$1.00 per doz.

Cestrum Parqui, the night-blooming Jasmine; flowers white, in clusters, not showy, but deliciously scented. 10c. ea. \$1.00 per doz.



Christmas Cactus, Epiphyllum truncatum, a superb flowering plant, spineless, the branches gracefully arching and bearing in great profusion, exquisite, waxy, pink flowers during winter. One of the very best of winter-blooming plants and of easy culture. 10c. each, \$1.00 per doz.

Coleus, Trailing Gem, a very beautiful, vigorous trailing sort, the leaves bright carmine at the centre, bordered with green penciled chocolate. This is really a splendid Coleus, dense, of easy culture, and excellent for bracket pots, window boxes, or beds. It will stand more sun and cold than any other sort, Charming. 10c. each, \$1.00 per doz.

Crasula cordata, a succulent plant that is well-adapted for room culture; sure to bloom in winter, the flowers small, rosy, in big panicles borne on long, rosy stems. 10c. each, \$1.00 doz.

Crope Myrtle, a glorious shrub or tree in the South, bearing a mass of charming pink flowers, delicate and crepe-like in appearance. 10c. each, \$1.00 doz.

Cyclamen, Red, Pink, White, White with pink eye. These are fine plants a year old, some in bloom.

English Ivy, a hardy evergreen vine that clings to a wall, and retains its fine green color summer and winter; it is also admirable as a pot plant. 10c. each, \$1.00 per doz.

Eranthemum pulchellum, a grand winter-blooming pot plant North, and lawn plant South; flowers rich blue, in great profusion, borne throughout winter. 10c. each, \$1.00 per doz.

Eupatorium riparium, a sure-blooming pot plant for the window in winter; flowers pure white, brush-like, in clusters; fine for cutting. 10c. ea., \$1 doz.



Euphorbia splendens, Crown of Thorns, a spiny plant bearing clusters of lovely vermilion-colored flowers on fleshy, coral stems. Easily grown, and very desirable. 10c. each, \$1.00 doz.

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Guava Cattleyana, a splendid evergreen fruit-bearing plant for outdoor culture South, and pot culture North. Foliage dark green, glossy and persistent; flowers white, in clusters, succeeded by fruit the size of a peach, delightful in fragrance and taste; of easy culture. 10c. each, \$1.00 per doz.

Guava, Common, an easily grown tropical fruit. Can be bedded out in summer, but kept in a frost-proof room in winter; hardy at the far South. The fruit is as large as a peach, is delicious in taste and fragrance and freely produced. Try it. 10c. ea, \$1.00 per doz.

Heliotrope, blue, exquisitely scented flowers in big clusters, blooming continuously; do well bedded out in summer. 10c. ea. \$1.00 per doz.

Heterocentron album, a quick-growing plant, branching and forming a tree-like top that in winter is covered with clusters of cherry-like bloom; sure to bloom in winter, and of easy culture. 10c. each, \$1.00 doz.

Hibiscus sinensis, dark pink, a very beautiful evergreen, ever-blooming shrub; flowers large and showy, and very attractive in color. A splendid blooming lawn plant at the far South. 10c. each, \$1.00 per doz.

Impatiens sultani, white, white with pink eye, scarlet, everblooming plants of easy culture, blooming in winter and summer. 10c. each, \$1.00 doz.

Justicia sanguinea, a pot plant with chocolate-green foliage and showy heads of lovely pink flowers. When given free pot room the plant branches and will become three feet high, each branch tipped with a long, showy flower head. 10c. ea., \$1.00 doz.

Lantana, Pink, Yellow, Scarlet, Variegated; an everblooming plant, branching and making a fine show, either in the window or in the garden; should be generally grown. 10c. ea., \$1.00 doz.

Lemon Verbena, a graceful plant, prized for the delicious fragrance of its leaves. It likes a sandy soil and sunny situation. 10c. each, \$1.00 per doz.

Leptea rosea, a very graceful and free-blooming plant for a basket, trellis or pot. It is sure to bloom in winter, and a plant that does well under almost any conditions. Flowers carmine, spider like, and very pretty. 10c. each, \$1.00 per doz.

Maurandya, a splendid trellis vine, dense and graceful in foliage, and bearing a profusion of lovely drooping bells throughout autumn. The plant is especially beautiful after frost. 10c. each, \$1.00 per doz.

Muehlenbeckia repens, a rare but easily grown vine, delicate in appearance, very graceful and unsurpassed for a pot-trellis. Foliage bronzy green. Fine also for pots or baskets, as the branches droop in lovely arches when not supported. 10c. each, \$1.00 per doz.

Oxalis, Golden Star. An elegant vine for a pot-trellis; foliage attractive and continuously decorated with clusters of golden flowers. 10c. each, \$1.00 per doz.

Pilea muscosa, a superb Fern-like plant, every branch an elegant plume; a fine window plant, and the branches useful for cutting; grows freely, and will endure neglect that would kill a Fern. 10c. each, \$1.00 per doz.

Peperomia maculosa, a little plant with thick, graceful leaves strikingly veined and striped white; bears small, white flowers in plume clusters. Fine for the window. 10c. each, \$1.00 per doz.

Peristrophe angustifolia, a splendid foliage plant, the leaves soft green with pure white variegation; in winter it never fails to bear its lovely carmine flowers freely. Should be better known. 10c. each, \$1.00 per doz.

Salvia, Bonfire, grows two feet high, branching, and every branch becoming a wreath of rich, scarlet flowers, remaining showy till frost; splendid for beds, and fine for pots. 10c. ea., \$1.00 per doz.

Solanum Fra Diavolo, an improved Jerusalem Cherry, forming a compact, globular bush, literally covered with small scarlet red fruits; foliage light green; very ornamental; new. 10c. ea., \$1.00 per doz.

Solanum grandiflorum, a vine bearing handsome foliage and clusters of white, fragrant flowers. 10c. each, \$1.00 per doz.

Solanum pseudo-capsicum, the Jerusalem Cherry. A bushy, tree-like plant growing a foot high. In autumn it is covered with bright red, cherry-like fruits that stay on during winter, and the "little Cherry tree" is in its beauty during Christmas. 10c. each, \$1.50 per doz.

Strobilanthus anisophyllus, known as Gold-fussia; foliage narrow, graceful, bronzy green, and in winter is well set off with lavender, bell-shaped flowers in clusters; easily grown and sure to bloom. 10c. each, \$1.00 doz.

Surinam Cherry, a beautiful evergreen shrub from Japan; flowers white, in clusters, followed by showy scarlet fruits that are much prized by some as an esculent. The foliage is glossy, and the plant is very attractive in a window. In the far South it can be planted out. 10c. each, \$1.00 per doz.

Thunbergia grandiflora, a glorious vine, growing 30 feet high at the South, and bearing a mass of superb lavender flowers in elegant clusters; plants bloom when small, and in my greenhouse are rarely out of bloom. Can be bedded out in summer. At the South it is a grand vine for the pillar of a porch or a high trellis. 10c. each, \$1.00 doz.

Vine major, green, a pretty basket or bracket pot plant; foliage evergreen and graceful, and flowers blue; borne in spring. 10c. each, \$1.00 per doz.

Hardy Shrubs and Trees.

Benzoin odoriferum. Spice Wood, very early golden flowers on slender, spicy branches; these are followed by scarlet berries; a handsome shrub. 10c. each, \$1.00 per doz.

Bignonia radicans, the Trumpet Vine; flowers large, tubular, in huge clusters throughout summer, followed by big pods that swing and rattle until spring. 10c. each, \$1.00 per doz.

Black Gum, a fine native tree with glossy green foliage that turns scarlet in autumn. 10c. each, \$1.00 per doz.

Buxus sempervirens, the old-fashioned Boxwood, a grand evergreen, found in old gardens. 10c. each, \$1.00 per doz.

Deutzia crenata fl. pl. double, rosy-white flowers in racemes, very freely produced; a fine shrub. 10c. each, \$1.00 per doz.

Deutzia gracilis, a dwarf, free-blooming shrub, the flowers pure white, in lovely racemes. 10c. each, \$1.00 per doz.



Forsythia Suspensa, golden bells on long, arched, slender branches, very early, before the leaves develop. 10c. each, \$1.00 per doz.

Forsythia viridiflora, an early-blooming shrub; flowers golden bells, on upright green stems. 10c. each, \$1.00 per doz.

Philadelphus Coronaria, the Mock Orange; ten feet high; flowers white, showy and very fragrant. 10c. each, \$1.00 doz.

Pussy Willow, the earliest of blooming shrubs; flowers along slender stems, silvery, very fragrant. 10c. each, \$1.00 per doz.

Ribes Floridum, the Sweet Currant; drooping racemes of golden flowers early in spring, and deliciously scented as a Clove Pink. 10c. each, \$1.00 doz.

Rhodotypus Kerrioides, grows three feet high; flowers white, both flowers and leaves shaped like the Corcorus Rose; blooms continuously. 10c. each, \$1.00 per doz.

Rhus Continus, the Smoke tree; a choice beautiful shrub throughout autumn; the fairy-like fruit panicles make the plant appear as if enveloped in a cloud of smoke. 10c. each, \$1.00 per doz.

Robinia hispida, the so-called Pea Shrub, a glorious plant, bearing big racemes of lovely pink and white flowers, resembling a Sweet Pea, but lacking the fragrance. The plant has beautiful foliage, and when decorated with bloom is enthusiastically admired by all who see it. Easily grown, perfectly hardy, grows into a bushy tree ten feet high. 10c. each, \$1.00 per doz.

Rose, Hiawatha. I offer yearling plants of this splendid climber, one of the most vigorous, free-blooming and attractive of ramblers; flowers single, carmine, white and yellow variegated, in big clusters, very graceful and lasting. 10c. each, \$1.00 per doz.

Rose, Lady Gay, an elegant climber, the flowers double, rose in huge clusters; very showy and beautiful. 10c. each, \$1.00 doz.

Spiraea Anthony Waterer, a lovely shrub, two feet high, nearly always in bloom; flowers purplish red, in big clusters. In autumn the foliage is more or less variegated yellow. 10c. each, \$1.00 per doz.

Spiraea Van Houtte, grows five feet high, the branches gracefully arching and bearing clusters of exquisite white flowers in wreaths; splendid. 10c. each, \$1.00 per doz.

Spiraea Reevesii, four feet high, bearing big clusters of plumey white double flowers. One of our handsomest shrubs. 10c. each, \$1.00 per doz.

Spiraea Callosa alba, two feet high, bearing white flowers in clusters during the summer; a finesort. 10c. each, \$1.00 per doz.

Spiraea tomentosa, a native species, two feet high, with spike-like clusters of pink flowers in autumn. 10c. each, \$1.00 per doz.

Weeping Willow, a very graceful weeping tree, the earliest to put on its foliage in spring, and latest in autumn to drop it. 10c. each, \$1.00 per doz.

Weigela floribunda rosea, very free-blooming, the flowers tubular, rosy carmine in great profusion; four feet high. 10c. each, \$1.00 per doz.

Weigela variegata, variegated green and yellow foliage; flowers rosy white. 10c. ea, \$1.00 doz.

Wisteria Magnifica, a free-growing vine, the foliage pinnate, and flowers blue in glorious clusters; splendid for a trellis, summer house or wall. 10c. each, \$1.00 per doz.

These plants are all in fine condition, and I have a full stock of all. Order this month—do not delay. The plants will be carefully packed and delivered by mail, prepaid, guaranteed to reach you safely. Speak to your friends and make up a club order.

Geo. W. Park, La Park, Pa.

CORRESPONDENCE.

From Florida.—Dear Mr. Park: Can you direct me to some one who wishes to come to Florida to live, and who would buy an Orange Grove? We came from Georgia, and my husband had a stroke, so that he cannot work the grove. The trees are large, and all in bearing, except a few that are younger, and just beginning to bear. We mortgaged our home in Georgia to buy the grove, and as my husband is not able to work we will lose our home if we cannot sell. We are one mile from Bowling Green, and in a healthy locality. The land is hummock land. Our trees bear oranges of a superior quality, and the grove would be profitable if we could work it. It is summer here all the time, only an occasional frost. Write me, or come and see the place.

Mrs. J. R. O'Rear.

Bowling Green, Fla., De Soto Co., Mar. 4, 1916.



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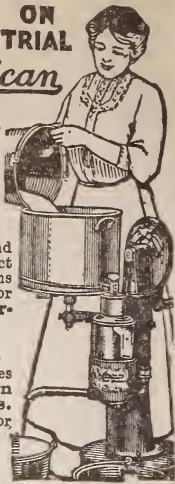
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ROSES! ROSES! ROSES!

Hiawatha.—Among the hardy climbing Roses none surpass the beautiful Hiawatha. It grows vigorously, and the strong canes are densely clothed with healthy foliage that is retained until the snows of winter. Every summer the plants are smothered with great clusters of rich bloom, often 50 or more flowers in a cluster, and these flowers are more lasting than those of any other summer-blooming Rose. There is not another Rose so brilliant—the color being a glowing ruby-carmine with clear white at base, and a mass of golden stamens at the center, affording a contrast in colors that is charming beyond description. When at the Royal Gardens in London I saw trellises of all the finest climbing Roses, and this glorious Rose eclipsed all others. It is truly unsurpassed. The contrasting colors relieve the glare that becomes monotonous in Crimson Ramblers and adds to its charms. Now is the time to plant. One large field-grown, two-year-old plant mailed 25 cents, two for 40 cents, 12 for \$2.00. Why not get up a club?

Lady Gay.—This is an exquisite rose-colored Rose produced in large clusters, blooming at the same time. The flowers are somewhat larger, double to the center, and make a fine display either upon a trellis, the pillars of a porch or a summer house. Prices, fine large two-year-old field-grown plants, 25 cents each, two plants 40 cents, 12 plants \$2.00.

One Hiawatha and one Lady Gay mailed for 40 cents. Both are perfectly hardy, healthy and sure-blooming. Order this month.

Larger Plants.—I have a lot of plants of these Roses five years old in a bed I wish for other purposes, and will send these packed and delivered to express office here for 35 cents each, two for 60 cents, 6 for \$1.50. Order this month.

GEO. W. PARK,
La Park, Lanc. Co., Pa.



THE NEW HIAWATHA ROSE.

EDITORIAL NOTICE.

Children's Letters.—I regret that I can only publish a few of the children's letters received. There are now on hand of late dates more than 500 letters—more than enough to fill a copy of the Magazine with children's letters alone. I would be glad if the children who write would try to tell something that has not been told in other letters. There is too much sameness in the letters. Write something new or original that you would find of interest to others if told at your home. My little friends could greatly improve their corner by making their letters bright and newsy. Why not try?

CHILDREN'S CORNER.

Dear Mr. Park: I am a happy country girl, and think the country is much nicer than the city. I am 14 years old and live on a 200 acre farm. I have taken music lessons three years. In the summer time we have so many beautiful flowers that I hardly know which my choice is. I will close by asking these riddles: What is bought by the yard and worn by the foot? Also, What hangs on the wall without a nail.

Cevilla Lenhart,

Defiance, Ohio, R. F. D. 4, Feb. 10, 1916.

Dear Mr. Park:—I am a little girl, only five years old. I know the alphabet and can read in my primer. I haven't gone to school yet. My mamma and papa teach me at home. Papa teaches school and mamma keeps house, and through the summer season we have lots of pretty flowers. We live at my grandfather's home. I haven't any brothers and sisters. I have one cat and eight dolls, and one of the dolls is like a real baby. I love books and think I shall go to school this coming fall. Mamma takes your little Magazine, and how I do enjoy hearing mamma read the letters written by other little girls.

Dixie Lucas.

Levi, Ky.

Dear Mr. Park:—I am a little country girl, eleven years of age, and in the seventh grade at school. I live on a 130-acre farm. We have six horses, five colts, three cows, nine calves, two pet sheep, and a Rat Terrier dog named Rowdy. I like to read the Children's Corner, and think it is interesting. My favorite flowers are Carnations, Pansies and Roses. I take your Magazine and amuse myself by reading the Floral Poetry.

Mary Frye.

Vermilion, Ill., Jan. 10, 1916.

Dear Mr. Park:—I am a little girl, ten years old, and live on a 48-acre farm. I have sixty rods to go to school. My mamma has taken your Magazine for five years and she likes it very much. I like to read the Children's Corner. I love flowers very much. In our flower garden we have Pansies, Roses, Peonies, Canterbury Bells, Violets, Columbines, Asters, Poppies, and a lot of bulbs, too. My favorite flowers are Carnations, Roses and Pansies. I have four kittens, but no dog.

Louisa Slater.

Jaspas, Mich., R. 2, Jan. 7, 1915.

Dear Mr. Park:—I am a farmer's daughter, fifteen years of age, and live in a small town, but we have an 80-acre farm a half-mile west of town on which my father farms. I go to the Glenwood School, and am in the second year of High School this year. I study Caesar, geometry, English, ancient history, music, drawing and domestic science. For pets I have two Shetland ponies, a pup, three cats, and two chickens. I am a great flower lover and try to raise many pretty flowers each summer.

Elizabeth Louise Murphy.

Glenwood, Ind., Box 36.

Has Cancer Been Conquered?

The Leach Sanatorium, Indianapolis, Indiana, reports a liquid laboratory product, a few drops of which, injected into the cancer, instantly kills it, in selected cases. Bleeding, cancer pains and odoriferous discharges are controlled. Frequently cases which have been considered incurable can be successfully treated. The latest bulletin of the Sanatorium, is sent free.

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No Dyes or Other Harmful Method.
Results in Four Days.

At 27 I was prematurely grey—and a failure because I looked old. Today at 35 I have no trace of grey hair and I look younger than I did eight years ago. I restored my own grey hair to its natural colour and beauty of youth and am a living example that grey hairs need no longer exist. No dangerous dyes, stains or other forms of hair paint are necessary to keep your hair young.



Old and Grey at 27.



Young and Happy at 35.

Let me send you free full information that will enable you to restore your own hair to youthful colour so that you need never have a grey hair again, no matter what your age or the cause of your greyness, or how long you have been grey or how many things have failed. My free offer is open to men and women alike for a few days longer.

Send no money. Just write me today giving your name and address plainly, stating whether (Mr., Mrs. or Miss) and enclose two cent stamp for return postage and I will send you full particulars that will enable you to restore the natural colour of youth to your hair, making it soft, natural and easily managed. Write today. Address Mrs. Mary K. Chapman, Suite 464 D, Banigan Bldg., Providence, R. I.

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Also called Tetter, Salt Rheum, Pruritus
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Skin, etc.

I believe Eczema can be cured to stay. I mean just what I say, C-U-R-E-D, and NOT merely patched up to return again. Remember, I make this statement after handling nearly a half million cases of eczema and devoting 12 years of my life to its treatment. I don't care what all you have used nor how many doctors have told you that you could not be cured, all I ask is just a chance to prove my claims. If you write me TODAY, I will send you a FREE TRIAL of mild, soothing, guaranteed treatment that will surely convince you as it has me. If you are disgusted and discouraged, I dare you to give me a chance to prove my claims. By writing me today I believe you will enjoy more real comfort than you really thought this world held for you. Just try it, and I feel sure you will agree with me.

DR. J. E. CANNADAY, 1119 Court Bldg., Sedalia, Mo.

References: Third National Bank, Sedalia, Mo. Send this notice to some eczema sufferer.

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7677—Ladies' Shirt-Waist. Cut in sizes 32 to 42 inches bust measure. The sleeves extend to the neck edge and may be long or short.

7668—Ladies' Waist. Cut in sizes 32 to 44 inches bust measure. The sleeves can be long or short.

7642—Ladies' Waist. Cut in sizes 32 to 44 inches bust measure. The waist has two styles of collars and can be made with or without the box plait.

7640—Boys' Russian Suit. Cut in sizes 2, 4 and 6 years. The blouse closes in front and the trousers may be finished with legbands or elastics.

7671—Children's Apron Dress. Cut in sizes 4, 6, 8 and 10 years. The dress closes at the back and long or short sleeves may be used.

7675—Ladies' Apron. Cut in sizes 36, 40 and 44 inches bust measure. The apron closes at the back and the skirt has four gores.

7661—Ladies' Skirt. Cut in sizes 24 to 32 inches waist measure. The skirt is cut in three gores and has inserted side sections.

7686—Girls' Dress. Cut in sizes 6, 8, 10 and 12 years. The dress has a separate gumpie and plaited skirt.

7283. Ladies' Skirt. Cut in sizes 22 to 32 inches waist measure. The skirt is cut in two gores.

7685. Ladies' Dress. Cut in sizes 36 to 44 inches bust measure. The dress has a four gored skirt with high or regulation waist line.



7660—Ladies' Waist. Cut in sizes 36 to 42 inches bust measure. The waist may be made with or without the frill and with long or short sleeves.

7655—Ladies' Waist. Cut in sizes 36 to 44 inches bust measure. Long or short sleeves may be used and the collar and cuffs are of contrasting material.

7682—Ladies' Waist. Cut in sizes 36, 38 and 40 inches bust measure. The cape may be used or omitted.

7662—Girls' Dress. Cut in sizes 8 to 14 years. The dress may be made with either the plaited or gathered skirt.

7641—Girls' Skirt. Cut in sizes 6 to 12 years. The dress closes at the front and may have long or short sleeves.

7652—Ladies' Negligee. Cut in sizes 36, 40 and 44 inches bust measure. The negligee has a four gored skirt and plain blouse.

7669—Ladies' Skirt. Cut in sizes 24 to 32 inches waist measure. The skirt is cut in three gores and may be made with or without the belt.

7645—Children's Rompers. Cut in sizes 2, 4 and 6 years. The rompers close at the back and may have long or short sleeves.

7656—Ladies' Skirt. Cut in sizes 24 to 32 inches waist measure. The skirt is cut in one piece and has a circular flare at the lower edge.

7636—Ladies' House Dress and Cap. Cut in sizes 34 to 42 inches bust measure. The dress has a three gored skirt with high or regulation waist line.

This Wife and Mother Wishes to tell you FREE How She Stopped Her Husband's Drinking

**By all Means Write to Her
and Learn how She did it.**

For over 20 years James Anderson of 601 Elm Ave., Hillburn, N. Y., was a very hard drinker.



His case seemed a hopeless one, but 10 years ago his wife in their own little home, gave him a simple remedy which much to her delight stopped his drinking entirely.

To make sure that the remedy was responsible for this happy result she also tried it on her brother and several of her neighbors. It was successful in every case. None of them has touched a drop of intoxicating liquor since.

She now wishes everyone who has drunkenness in their homes to try this simple remedy for she feels sure that it will do as much for others as it has for her. It can be given secretly if desired, and without cost she will gladly and willingly tell you what it is. All you have to do is write her a letter asking her how she cured her husband of drinking and she will reply by return mail in a sealed envelope. As she has nothing to sell do not send her money. Simply send a letter with all confidence to Mrs. Margaret Anderson at the address given above, taking care to write your name and full address plainly.



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CHILDREN'S CORNER.

Dear Mr. Park: I am a crippled girl and haven't walked one step since 1901. I live on a farm and attend to the postoffice here. I have a wheel chair, but I can get around without it, so I enjoy life fine. I am always glad when we get your Magazine. I love flowers. I had 30 house plants last summer. I have some of them yet, and mean to raise lots of flowers this summer. I live 23 miles from the wonderful city of Hot Springs, Ark. It is a lovely city in the mountains. It has 60 natural hot springs running from the mountain. There is an Ostrich farm in the city. Thousands of people come there every year for their health. The water is fine for sick people. I will be 21 years old April 5, and ask for a letter and card party. I will answer all letters and cards received, as I enjoy correspondence.

Rosa B. Lambert.

Lambert, Ark., Feb. 15, 1916.

Dear Mr. Park:—I am ten years old and in the fourth grade. I have had asthma and have not gone to school for two years, but mamma is teaching me at home, so I am keeping up with my grades. We have lots of flowers, summer and winter, and I like to help with them. We have been South for three winters in Florida and Mississippi. They surely had lots of pretty flowers and oranges there. For pets we have a dear little Shetland pony named Ginger. He is very gentle and lets us turn summer-saults off of his back. But if they try to ride him he bucks them off. He also works to a buggy. We also have a pet goldfish.

Henry Jones.

Ill., Feb. 17, 1916.

Dear Mr. Park:—I am a girl 12 years old and in the eighth grade. We have recently moved to the farm where I receive your Magazine. I enjoy reading the Children's Corner very much, also about the flowers. Last summer we lived in a small town in Northern New Jersey. We had many beautiful flowers, especially Roses. There were some enormous pink ones, and some red ones that looked like velvet. We had Carnations, Nasturtiums and Zinnias, which were beautiful, large as Dahlias, and often mistaken for Dahlias. We had many bush flowers, which were beautiful. I love flowers and expect to raise a large assortment of them this summer.

Gladys Mount.

Lebanon, N. J., Feb. 18, 1916.

Dear Mr. Park:—I am a farmer's daughter, ten years old. I go to school every day and am in the fifth grade. The schoolhouse is close to our farm. I have a pet kitten named Clover. We have two horses, one colt and eleven head of cattle. My mother has taken your Magazine for ten years, and we like it very much. My favorite flowers are Geraniums, Carnations and Pansies.

Mildred Kemper.

Spencerville, O., R. 5, Jan. 12, 1915.

Is Epilepsy Conquered?

RED BANK, N. J. (Special).—Advices from many directions have confirmed previous reports that Dr. Kline's treatment for epilepsy being administered by well-known physicians, is achieving gratifying results. Old and stubborn cases have been greatly benefited and many patients claim to have been wonderfully benefited.

Persons suffering from epilepsy should write at once to the Kline Laboratories, 5 Broad St., Red Bank, N. J., for a supply of the remedy which is being distributed gratuitously.

VARICOSE VEINS BAD LEGS, ETC.

are promptly relieved with inexpensive home treatment. It absolutely removes the pain, swelling, tiredness and disease. Full particulars on receipt of stamp. W.F. Young, P.D.F., 197 Temple St., Springfield, Mass.

EXCHANGES.

Annie E. Simmons, R. 5, Roanoke, Va., has Aster and Dahlia seeds for Snapdragon and 'Mum seeds.

Mrs. C. Bly, Yucca, Ariz., has seeds of *Cereus Giganteus* (fresh crop) for choice annual flower seeds or house Cactus.

Mrs. Martha Patton, Jeffersonville, O., has Roses and Angel Trumpet to exchange. Write.

Mrs. Dick Lewis, Starkville, Miss., has Lilies, Iris, Boquet Grass, Cannas, etc., for Crinum, Amaryllis, Dahlias, Tulips, Hyacinths, Caladiums, etc. Write.

Mrs. Alice C. Swan, R. 2, Coffeyville, Kan., has hardy Roses, etc., for Bleeding Heart, etc. Write.

Mrs. W. M. Henry, Calhoun, Mo., has Cen. Plants, white Per. Phlox, white Spirea, Iris, white 'Mums for perennials or bulbs.

Mrs. Mattie Clark, R. 1, Scottsburg, Va., has Pin-cushion Cactus and other house plants for Orchids, Azaleas, Cape Jessamine, Ferns, etc.

Mrs. John Brian, Milford, Mich., has hardy shrubs, Lilies, Iris or seeds for an American Beauty Rose.

Mrs. M. Wilmoth, Franklin, O. has Cabbage Roses, Moss Roses, Bridal Wreath and Golden Glow for Lily of the V., Grass Pinks, 'Mums, and red Peonies.

Mrs. Albert Horst, Palmyra, Pa., has various colored Iris, Indian Maid 'Mums, etc., for Hyacinths and old-fashioned white garden Lilies. Write first.

B. Frank Good, Shillington, Berks Co., Pa., has Progressive everbearing Strawberry plants for Peony roots, pink or white preferred. Write first.

Mrs. C. J. Dillon, Council Grove, Kan., has Daffodil or Narcissus bulbs, or pink climbing Rose for white climbing Rose, Monthly Rose, Clematis or P. Phlox.

Chas. Otto, 55 W. Van Ness St., Newburgh, N. Y., has Dahlia and Gladiolus bulbs for Iris or any kind of hardy Lilies or flowers.

Mrs. Charles Ellis, R. 7, Muskegon, Mich., has mixed Dahlias, Gladiolus, white Pinks, etc., for Gloxinias, Fuchsias, Cyclamen, Callas, etc. Write.

Miss Hilda Swanson, Washburn, N. Dak., has garden Asparagus, Echinocactus Simpsoni (wild), Lilacs, Raspberries, Gooseberries, Currants, Mint, Old Man, for Peonies, Crinums, Per. Phlox, 'mums, etc.

Mrs. G. B. Wengert, R. 1, Blue Mound, Kan., has Poppies, Nasturtiums, Cosmos, Dahlias, Per. Peas, hardy Larkspur, Petunias, Pinks, etc., for others.

Mrs. S. M. Hagan, Chapeze, Bullitt Co., Ky., has Phlox, Iris, Honeysuckle, Golden Glow, etc., for Impatiens, Geraniums, Begonias, etc. Write or send.

Miss Ida M. Murrell, Spencerport, N. Y., has seeds or plants of mixed Larkspur, mixed annual Larkspur, and Aquilegia for Primroses and Vinca Rosea. Write.

Mrs. H. C. Johnston, Belmont, N. C., has Strawberry plants, Cal. Violets, Larkspur plants and Roses for Bl. Heart, Crinums, Amaryllis, Beefsteak Begonia.

Mrs. G. H. Cox, Milan, Mo., has hardy pink Chrys-anthemums for hardy Perennial Phlox in variety.

Mrs. H. Thorsen, R. 4, Arlington, Wash., has named Dahlias for others; also Crinums for choice plants.

Cats and Wrens.—Mr. Park: If cats should come about my house and annoy or molest the little birds that nest in the trees and shrub-bery or in my bird houses, I would not hesitate to put them to sleep with a pill of the never-wake kind: I consider that a nest of Wrens is worth more than 40 cats on a farm.

Mrs. R. J. Flint, aged 85.

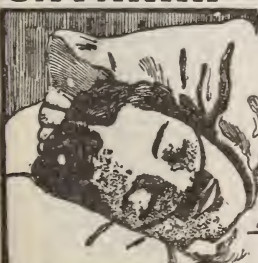
Hibbing, Minn.

GALL STONES (No Oil) AVOID OPERATIONS

If you have Gall-stone Pains or Aches in Stomach, Back, Side or Shoulders; Liver Trouble, Stomach Misery, Dyspepsia, Colic, Gas, Bloating, Headache, Constipation, Piles, Catarrh, Nervousness, Blisters, Jaundice, Appendicitis, Yellow, Sallow or Itchy Skin or Bad Colon. Send today for our LIVER-GALL BOOK FOR STOMACH SUFFERERS. **FREE**

GALLSTONE REMEDY CO., Dept. B-26, 219 Dearborn St., Chicago

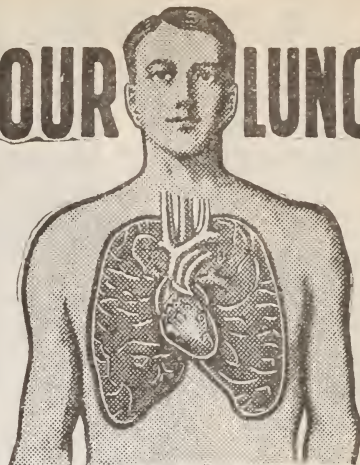
CATARRH—ASTHMA



Hay Fever, Bronchitis, many 70 years old CURED WHILE SLEEPING, by New and Wonderful Inhalant Discovery of an Eminent Physician. Agreeable Regulated to any Force Harmless, and Nearly Certain—A MEDICAL WONDER. Unrivaled Success, 18 Years. 3 or 4 Cents a Day if Satisfied; otherwise, Nothing. **LONG TRIAL UNDER GUARANTEE** Book with overwhelming proof.

E. C. C. CATARRH—ASTHMA CURE, 36, GLADYS AVE., CHICAGO

YOUR LUNGS



ARE THEY WEAK OR PAINFUL?

- Do your lungs ever bleed?
- Do you have night sweats?
- Have you pains in chest and sides?
- Do you spit yellow and black matter?
- Are you continually hawking and coughing?
- Do you have pains under your shoulder blades?

These Are Regarded Symptoms of LUNG TROUBLE

You should take immediate steps to check the progress of these symptoms. The longer you allow them to advance and develop, the more deep seated and serious your condition becomes.

We Stand Ready to Prove to You absolutely, that Lung Germine, the German Treatment, has cured completely and permanently case after case of incipient Lung Disease, Chronic Bronchitis, Catarrh of the Lungs, Catarrh of the Bronchial Tubes and other serious lung troubles. Many sufferers who said they had lost all hope and had been given up by physicians, declare they have been permanently cured by Lung Germine. If your cough and other symptoms are due to weak lungs, serious developments may follow neglect. NOW is the time to begin on LUNG GER-MINE and build up and strengthen your lungs. Lung Germine has cured incipient Lung Diseases according to statements of sufferers themselves as well as statements from their doctors—and the patients remain strong and in splendid health today.

Let us send You the Proof—Proof that will

Convince any Judge or Jury on Earth

We will gladly send you the proof of many remarkable cures, also a TRIAL package of Lung Germine, together with our new 40 page book (in colors) on the treatment and care of weak lungs and incipient lung disease, if you will send your name and 10 cents (stamps or silver) to help cover expense.

Lung Germine Co., 450 Rae Bldg., Jackson, Mich.

The Bee Cell Supporter



A BOON TO WOMANKIND

Made from the purest, softest rubber. Six cups or faces render misplacement absolutely impossible. Endorsed by the medical profession. Send us \$2.00 and we will mail you one postpaid in plain package. Money back if not entirely satisfactory. Write for descriptive circular. It's FREE.

The Bee Cell Co., Dept. 84, White Bldg., Buffalo, N. Y.

EDITORIAL NOTES.

Songs Wanted.—The words of the temperance song "Down in Old Tennessee" are wanted; also the song popular some years ago. "I'll fold my arms and ponder on the old, old home."

GOITRE

REMOVED AT HOME

Without Operation or Danger

A \$2.50 Treatment FREE

Test Without Cost or Obligation



Over
100,000
Cases
Treated
in
last
15
years

my simple Home Treatment for Goitre. Hundreds of old chronic cases report immediate results where other remedies fail.

"My Goitre is cured, and am feeling fine. I improved before, taking medicine a week," says Mrs. G. W. Hawn of Warren, Ohio, E. F. D. No. 2. Mrs. W. A. Pense of Creston, B. C., Can., writes: "A friend in Alberta got your treatment and was cured. I concluded to try it and after using one treatment my goitre entirely disappeared."

The treatment quickly stops choking and other disagreeable symptoms. Does not interfere with work. Absolutely no danger. Prevents operation. Send coupon today and make a test at MY EXPENSE.

\$2.50 FREE COUPON

This coupon is good for \$2.50 Test Treatment mailed free in plain package if accompanied by 10c in STAMPS or SILVER to cover postage. Address DR. W. T. BOBO, Battle Creek, Mich.

Age? _____ How old is Goitre? _____ yrs.
Nervous? _____ Hands Tremble? _____
Do eyes bulge? _____ Does heart beat too rapidly? _____ Health? _____
Name _____
Address _____ 903

LADIES TO SEW at home for a large Phila. firm; good pay; nice work; no canvassing; send stamped envelope for prices paid.
UNIVERSAL CO., Dept. 49, Walnut St., Phila. Pa.

CHILDREN'S CORNER.

Dear Mr. Park:—I am a boy 10 years old, and live on a farm. I am in the fifth grade. I like to go to school. We have 5 cows, 4 horses, 21 sheep; also hogs, geese, chickens and turkeys. I have two dogs. I am a great lover of flowers, and we gather wild flowers at school in the spring.
Cleo. J. Peters.

Ithaca, Mich., Feb. 12, 1916.

Dear Mr. Park:—We have taken your Magazine seven years, and like it very much. I am 10 years of age and in the fifth grade. We have eight horses and one colt and over sixty cattle, a lot of hogs, chickens and a dog named Shepherd. I am a lover of flowers. Mamma has twenty-two different kinds of house plants. The ones that are in bloom are the Christmas Cactus, Oxalis, Calla Lily, Flowering Maple, double Petunia and Freesia.
Mabel Bissell.

Massena, Iowa, Feb. 16, 1916.

Dear Mr. Park:—I am a boy 10 years old and in the fifth grade. I like flowers and pets very much. My mother has taken your magazine for some time, and we enjoy it very much. My favorite flower is the Rose. Stanley T. Rieman.

Covington, Ky., Feb. 16, 1916.

Dear Mr. Park:—Would you let a little girl, 10 years old, join the Children's Corner? I have light blue eyes and light hair, and am in the sixth grade. We have one bird named Billy. He is the best singer you ever saw. Since my mother has been taking your Magazine I read the Children's Corner, and the poems. We all dearly love flowers.
Edna Green.

Mutual, Okla., Feb. 13, 1916.

Dear Mr. Park: I am a boy eight years old and I am in the third grade. My mother takes your Magazine and I like the Children's Corner very much. I have no pet dogs, but I have a baby brother named William Garnet. We have had twenty-eight feet of snow and there is eight feet on the ground now. Can you guess this riddle? "As round as a dollar, as black as a bear, if you don't guess this riddle I'll pull your hair." It is a stovepipe.
Harry Heathcock.

Roslyn, Washington, Feb. 7, 1916.

Sister: Read My Free Offer!



I am a woman.
I know a woman's trials.
I know her need of sympathy and help.

If you, my sister, are unhappy because of ill-health, if you feel unfit for household duties, social pleasures, or daily employment, write and tell me just how you suffer, and ask for my free ten days' trial of a home treatment suited to your needs. Men cannot understand women's sufferings. What we women know from experience, we know better than any man. I want to tell you how to cure yourself at home at a cost of about 12 cents a week.

If you suffer from women's peculiar ailments causing pain in the head, back, or bowels, feeling of weight and dragging down sensation, falling or displacement of pelvic organs, causing kidney and bladder weakness or constipation and piles, painful or irregular periods, catarrhal conditions and discharges, extreme nervousness, depressed spirits, melancholy, desire to cry, fear of something evil about to happen, creeping feeling along the spine, palpitation, hot flashes, weariness, sallow complexion with dark circles under the eyes, pain in the left breast or a general feeling that life is not worth living,

I INVITE YOU TO SEND TODAY FOR MY FREE TEN DAYS' TREATMENT

and learn how these ailments can be easily and surely conquered at home without the dangers and expense of an operation. When you are cured, and able to enjoy life again, you can pass the good word along to some other sufferer. My home treatment is for young or old. To Mothers of Daughters, I will explain how to overcome green sickness (chlorosis), irregularities, headaches, and lassitude in young women and restore them to plumpness and health. Tell me if you are worried about your daughter. Remember it costs you nothing to give my home treatment a ten days' trial, and does not interfere with daily work. If health is worth asking for, then accept my generous offer and write for the free treatment, including my illustrated booklet, "Women's Own Medical Adviser." I will send all in plain wrappers postpaid. To save time, you can cut out this offer, mark your feelings, and return to me. Send today, as you may not see this offer again. Address.

MRS. M. SUMMERS, BOX 51, NOTRE DAME, IND., U. S. A.

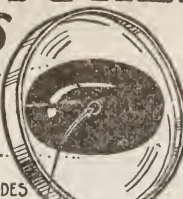
FREE TO THE RUPTURED

DON'T WEAR A TRUSS

FREE TRIAL



IT'S THE NON-SLIPPING
YET, NON-RIGID PAD
AND WHAT IS WITHIN
IT, THAT COUNTS



PLAPAO EXCLUDES

Inner surface made self-THROUGH THIS adhesive purposely to prevent OPENING slipping and to keep constantly applied the absorbent-astringent medication called PLAPAO. Close the hernial opening as nature intended so the Rupture CAN'T come down.



Awarded
Gold Medal
and Grand Prix.

PLAPAO

Do Away With Steel and Rubber Bands That Chafe and Pinch

You know by your own experience that the truss is a mere makeshift—a false prop against a collapsing wall—and that it is undermining your health. Why, then, continue to wear it?

STUART'S PLAPAO-PADS are entirely different—being medicine applicators made self-adhesive purposely to prevent slipping and to hold the distended muscles securely in place. No straps, buckles or springs attached. No "digging in" or grinding pressure. **Soft as Velvet—Flexible—Easy to Apply—Inexpensive.** Continuous day and night treatment at home. No delay from work. Hundreds of people, old and young, have gone before an officer qualified to acknowledge oaths, and swore that the **PLAPAO-PADS** cured their Ruptures—some of them most aggravated cases—and of long standing.

Send Today For FREE PLAPAO--No Charge for it--Now or Ever

Simply write your name and address below. Send this advertisement for absolutely **FREE TRIAL PLAPAO** and 48-page Book on Rupture. No charge for it—now or ever. Nothing to be returned. "Be wise today 'tis madness to defer." Address, **PLAPAO CO.,** Block 375 St. Louis, Mo.

Name..... Address.....

CHILDREN'S CORNER.

Dear Mr. Park:—I am a country girl, 9 years old. My grandma has taken your Magazine ten years, and she has the best flower garden there is around. My pets are six doves. I like babies. My little sister is very cute,
Dorris Cole.

Dear Mr. Park:—I am 11 years; in the fifth grade, and live by the Massianawa River. We have two canaries, a black hen and a silver fish as pets. We have a bay horse 19 years old, also 24 chicks. All of the family love flowers, and we raise lots of them.
Viola C. Gray.

Jonesboro, Ind., Feb. 10, 1916.

Dear Mr. Park:—I have taken your Magazine three years and like it. I am especially fond of Roses, and we have many kinds. I have a pet Belgian hare, which runs out of doors all the time. We had some guinea pigs, but a year ago a cat killed them.
Florence M. Dropper.

Ballston Spa, N. Y., R. F. D. 1, Feb. 14, 1916.

Dear Mr. Park:—I am a city boy, 9 years old, and go to the public school. My mother has taken your Magazine many years. I have a dog named Pegie Louise. He is a Fox terrier, and a very smart dog.
Loren Bockemeier.

St. Charles, Mo., 333 Clay St., Feb. 12, 1916.

Dear Mr. Park:—Mother said I might subscribe for your Magazine, and so I enclose 10 cents for my subscription. I am a little sick girl, 11 years old. I have been in bed ten months, but hope to be up soon. I like flowers very much, and hope to have a flower garden next summer. Postals ex.
Margaret Landerbaugh.

Oakdale, Pa., Feb. 15, 1916.

Dear Mr. Park:—I am 10 years old, and live on a farm of 130 acres. We have four cows, three yearlings and a pair of steers that I have broken and like to play with. We also have five horses and four pigs. I am in the sixth grade. My grandmother has taken your paper a good while, and we all read it and like it.
James S. Coley.

Weston, Ct., Feb. 5, 1916.

To the Wife of One Who Drinks

I have an important confidential message for you. It will come in a plain envelope. How to conquer the liquor habit in 3 days and make home happy. Wonderful, safe, lasting, reliable, inexpensive method, guaranteed. Write to Edw. J. Woods, H 360, Station E, New York, N. Y. Show this to others.



Goitre Cure

THE DIRECT WAY

Have your Goitre removed without taking medicine or having it cut out. We have a convenient, soothing appliance which is worn on the neck at night and cures while you sleep. It checks the growth, reduces the enlargement, and stops all pain and distress in a short time. 23 years success. Write today for free booklet and full particulars, including testimonials

from every state, price, etc. Not sold in stores.

PHYSICIANS REMEDY COMPANY,
660 San Fernando Bldg. LOS ANGELES, CAL.

FAILURE OF "606"

Are you one of those who used "606" or "914" and found it a failure? Have you been to Hot Springs and returned uncured? Have you taken the Mercury and Potash treatment and are you still suffering? Have you suffered from Blood Poison, Rheumatism, Malaria, Chronic Constipation, Eczema, Catarrh, Liver or Stomach Trouble, Enlarged Glands in Neck or Groin, or Scrofula without being benefited by any treatment? If so, write for our 100-page book, **FREE**, showing how to obtain the results you are looking for. All correspondence confidential.

THE C. E. GALLAGHER MEDICINE CO.
Room 115, 1622 Pine St., St. Louis, Mo.

CHOICE VEGETABLE SEEDS.

I can supply Choice Vegetable Seeds of the kinds here listed at the prices attached. All of these seeds are fresh and tested, and can be relied upon. I offer them with entire confidence as to their vitality and quality. They are all delivered free at the prices quoted.

Artichoke, Jerusalem, tubers, 20c per lb., prepaid; by express, at purchaser's expense, \$1.00 per peck, \$3.50 per bu. The tubers are prolific and excellent for pickles; also for feeding stock.

Artichoke, Large Green Globe. A delicious French vegetable, the bracts of the immense flower-heads being boiled and used as Asparagus. Bears second year. 1 pkt 5c, oz. 35c, ¼ lb. \$1.25.

Asparagus, Palmetto; considered the best variety; large, early and of superior quality; also, Columbian Mammoth, Barr's Mammoth, Conover's Colossal. Per pkt. 5c, oz. 10c, ¼ lb. 30c. Two-year-old roots \$1.75 per hundred, by mail.

Beans (Bush or Snap), Refugee, Early Stringless Green Pod, Black Wax, Early Mohawk; also, Improved Golden Wax, Red Valentine, Hodson's Kidney Wax, Webber Wax, Davis White Kidney Wax, Extra Early Refugee. Per pkt. 5c, pint 30c, quart 55c.

Beans (Pole), Old Homestead, Lazy Wife, Creaseback, Golden Cluster, Scarlet Runner; also, Speckled Cranberry. Per pkt. 5c, pint 25c, quart 45c.

Beans (Lima), Seibert's Early, Early Jersey, King of the Garden, Large White, Carolina, Sieva; also, Burpee's Bush, Henderson's, Droer's. 1 pkt. 5c, pt. 25c, qt. 45c. ⁵⁵At the prices named these Beans will be delivered by mail. For larger quantities write for prices.

Beans (Bush), White Marrow-Shell Bean. Per pkt. 5c, pint 25c, quart 45c.

Beet, Improved Blood Turnip, Early Bassano, Crosby's Egyptian, Crimson Globe, Extra Early Eclipse, Edmand's Early, Long Blood-Red, Swiss Chard. Per pkt. 5c, oz. 10c, ¼ lb. 30c, 1 lb. \$1.00.

Beet (for stock), Golden Tankard, Mammoth Red, Vilmorin's Improved Sugar; also, Norbiton Giant. Oz. 5c, ¼ lb. 12c, 1 lb. 35c, mailed.

Borecole, Purple Cape, Large White French, Curled Green Dwarf. Per pkt. 5c, oz. 30c.

Brussels Sprouts, Dwarf Improved, Half-Dwarf Paris Market. Per pkt. 5c, oz. 15c.

Cabbage, Early Jersey Wakefield, Early Spring, Dwarf Early Flat Dutch, Henderson's Early Summer, Early Winnigstadt, Charleston Early Wakefield, All Head, Drumhead Savoy, Late Surehead, Late Flat Dutch, Late Danish Baldhead, Autumn King, Late Red Drumhead. Per pkt. 5c, oz. 12c, ¼ lb. 40c, 1 lb. \$1.50.

Carrot, Scarlet Horn, Chantenay, Long Orange, Oxheart; also, Danvers. Per pkt. 5c, oz. 6c, ¼ lb. 20c, 1 lb. 75c.

Cauliflower, Early Snowball. Per pkt. 10c, ½ oz. \$1.00. Vetch's Autumn. Per pkt. 5c, oz. 50c.

Celeriac, Large Smooth Prague. Per pkt. 5c, oz. 12c, ¼ lb. 40c, 1 lb. \$1.50.

Celery, White Plume, Pink Plume, Giant White Solid, Rose-ribbed Paris, Golden Heart, Giant Paschal; also, Boston Market, Golden Self-Blanching. Per pkt. 5c, oz. 20c, ¼ lb. 60c, 1 lb. \$2.00.

Chervil, curled. Per pkt. 5c, oz. 10c, 1 lb. \$1.00.

Chicory, Large-rooted; leaves used as a salad; roots roasted and ground, largely used as a substitute for coffee. Per pkt. 5c, oz. 10c, 1 lb. \$1.00.

Collards, True Georgia; leaves cooked as substitute for Cabbage in the South. Per pkt. 5c, oz. 10c, 1 lb. \$1.00.

Corn, Early Giant, Country Gentleman, Improved Evergreen Sugar, New Golden Bantam, an early sort, thought by many to be the best early sweet Corn. Per 2-oz. pkt. 5c, ½ pt. 12c, 1 pt. 20c, quart 35c.

Corn (for popping), White Rice, Mammoth White Rice, Golden Queen, Pearl. Per 2-oz. pkt. 5c, ½ pint 20c.

Corn-Salad, Large-leaved; grown in fall for winter and spring use as substitute for Lettuce. Per pkt. 5c, oz. 10c, 1 lb. \$1.00.

Cress, curled; used as salad. Per pkt. 5c, oz. 10c, 1 lb. \$1.00. Watercress, per pkt. 5c, oz. 25c.

Cucumber, Early White Spine, Jersey Pickle, Long Green, Early Cluster, West India Gherkin. Per pkt. 5c, oz. 15c, ¼ lb. 35c, 1 lb. \$1.00.

Dandelion, Large-leaved French; used as early greens. Per pkt. 5c, oz. 25c.

Egg Plant, New York Purple, Black Pekin, Early Delicata. Per pkt. 5c, oz. 35c, ¼ lb. \$1.25.

Endive, Golden Curled; also, White Moss, Green Curled, Broad Leaved Batavia. Per pkt. 5c, ¼ lb. 50c. The leaves are used for garnishing, also as greens.

Kale, Dwarf Curled Scotch. Per pkt. 5c, oz. 10c.

Kohl Rabi, Early Purple Vienna; a choice sort, flesh white and delicate. Per pkt. 5c, oz. 20c. 1 lb. \$2.00. A vegetable with Cabbage-like flavor.

Leek, American Flag. Per pkt. 5c, oz. 15c.

Lettuce, Early Curled Simpson, Big Boston, Golden Queen, Perfected Salamander, New York, Improved Hanson, Paris White Cos; also, Iceberg, Mammoth Black-seeded Butter, Speckled Dutch Butter, Grand Rapids. Per pkt. 5c, oz. 8c, ¼ lb. 30c, 1 lb. \$1.00.

Mushroom Spawn (fresh), 1 lb. 20c, by mail; 8 lbs. \$1.00 expressed, not prepaid.

Muskmelon, Acme, Emerald Gem, Early Hackensack, Jenny Lind, Livingston's Tip Top, Rockyford; also Paul Rose, Long Island Beauty, Montreal Market. Per pkt. 5c, oz. 12c, 1-4 lb. 35c, 1 lb. \$1.00.

Mustard, White London, Chinese Curled, Southern Giant Curled. For salads and garnishing when young. Pkt. 5c, oz. 8c, 1 lb. 60c.

Okra, Dwarf Prolific and Long Green; pods used for soups, stews, etc. Pkt. 5c, oz. 8c, 1 lb. 50c.

Onion, Australian Brown, Wethersfield Red, Early Flat Red, Prize Taker, Silver Skin, White Portugal, Yellow Danvers, Southport Yellow Globe; also Early White Pearl, White Barletta. Pkt. 5c, oz. 20c, 1 lb. \$2.25.

Parsley, Extra Curled, Champion Moss Curled, Beauty of Parterre; also Triple Curled. Pkt. 5c, oz. 8c, 1 lb. 75c.

Parsnip, Guernsey; decidedly the finest sort. Pkt. 5c, oz. 8c, 1 lb. 50c.

Peas, Alaska, Bliss Everbearing, Abundance, Champion of England, Marrowfat, Tall Melting Sugar, Dwarf Melting Sugar; also Gradus or Prosperity, Nott's Excelsior, McLean's Little Gem, Telephone. Pkt. 5c, 1-2 pint 15c, pint 25c, quart 45c.

Pepper, Columbus, Cayenne, Long Red, Long Yellow, Bell or Bull Nose, Ruby King, Chinese Giant, Cherry, Japan Cluster, Golden Dawn. Mixed, pkt. 5c, oz. 20c.

Pumpkin, Cheese, Connecticut Field; also Tennessee Sweet Potato, Mammoth Potiron. Pkt. 5c, oz. 8c, 1 lb. 40c.

Radish, Early Long Scarlet, Early Scarlet Turnip, Long Scarlet White-tipped, French Breakfast, Golden Globe, White Strasburg, White Turnip, Long Cardinal, White Icicle, Chartist, California Mammoth White, Rose Winter; also White Chinese, Long Black Spanish. Pkt. 5c, oz. 8c, 1 lb. 50c.

Rhubarb or Pie Plant, Victoria. Pkt. 5c, oz. 15c, 1 lb. \$1.25.

Salsify, Mammoth Sandwich Island. Pkt. 5c, oz. 12c, 1-4 lb. 30c, 1 lb. \$1.00.

Spinach, Long Standing, Prickly Seeded, Victoria; also Savoy-leaved. Pkt. 5c, oz. 8c, 1 lb. 35c.

Squash, Golden Summer Crookneck, Extra Early Bush, Delicata, Mammoth Chili, Hubbard, Fordhook; also Boston Marrow. Pkt. 5c, oz. 10c, 1-4 lb. 25c, 1 lb. \$1.00.

Note.—The Early Delicata Squash is the best all round Squash. It is fine to cook green, and will keep well for winter use. It is not large, but each vine bears several squashes, and hence it is very productive. Seeds can be planted in early June, and the squash-bugs will not then trouble the vines. Fine for sauce and pies and for baking. By all means try this superb squash. Special prices, oz. 6c, 1-4 lb. 15c, 1 lb. 50c.

Tomato, Atlantic Prize, Improved Beauty, Earliana, New Stone, Dwarf Stone, Ignoutm, Ponderosa, Golden Queen, Golden Trophy, Pear-shaped Yellow, Semper-fructifera; also Matchless. Pkt. 5c, oz. 25c, 1-4 lb. 60c.

Turnip, Flat Dutch, Scarlet Kashmir, Extra Early White Milan, White Egg, Golden Ball, Purple Top, White Globe, Amber Globe, Orange Jelly, Long Island Improved, Purple Top Rutabaga or Swede. Pkt. 5c, oz. 8c, 1-4 lb. 20c, 1 lb. 50c.

Watermelon, Cole's Early, Phiney's Early, Early Fordhook, Mountain Sweet, Kolb's Gem, Preserving Citron, Sweet Heart, Kleckley's Sweet, Ice Cream, Florida Favorite. Pkt. 5c, oz. 8c, 1-4 lb. 25c.

Herbs, Anise, Large Green Sweet Basil, Bush Green Basil, Borage, Balm, Catnip, Coriander, Dill, Large Sweet Fennel, Hoarhound, Lavender, Pot Marjoram, Mustard, Rosemary, Winter Savory, Broad-leaved Sage, Summer Savory, Saffron, Tansy, Broad-leaved Thyme, French Summer Thyme, Tarragon, Wormwood, Lovage, Caraway, Pennyroyal, Hyssop. Pkt. 5c, oz. 25c. Special mixture of herbs, pkt. 5c, oz. 25c.

Miscellaneous.—Evergreen Broom Corn, 1 lb. 20c, mailed; 25 lbs. or more, by express, not prepaid, 7c per lb. Sunflower Russian, 1 lb. 25c, mailed; 25 lbs. or more, by express, not prepaid, 10c per lb. White Dutch Clover for bee pasture and lawns, oz. 10c, 1 lb. 80c.

Park's Superior Lawn Grass, the best of all lawn grass mixtures; makes a fine lawn the first season, and remains permanent. By mail, oz. 5c, 1 lb. 40c; by express, not prepaid, peck (5 lbs.) \$1.50. Five bushels will seed an acre, or a lb. will seed 500 square feet. For renovating a lawn sow half this quantity.

Quassia Chips, for insecticide tea, mailed, per lb. 20c.

Your Vegetable Garden for 15 Cents.—For 15 cents I will send Park's Floral Magazine a year and these 10 packets of best Vegetable Seeds, enough for a small family garden. Beet, Improved Blood Turnip, Cabbage, Early Solid Cone, Cabbage, Late Flat Dutch, Cucumber, Early White Spine, Lettuce, Malta Drumhead, Onion, Danvers's Yellow, Parsnip, Improved Guernsey, Radish, Choice Mixed, Tomato, Matchless, Turnip, Purple top White Globe, Club of three only 45 cents with large packets of Peas, Beans and Corn as premium. See list in Magazine, Get up a club. Remit at my risk by Money Order, Express Order, Draft or Registered Letter.

GEO. W. PARK, La Park, Pa.

Iron Is Greatest of All Strength Builders, Says Doctor

A Secret of the Great Endurance and Power of Athletes

Ordinary Nuxated Iron Will Make Delicate, Nervous, Rundown People 200 Per Cent. Stronger in Two Weeks' Time in Many Cases.

NEW YORK, N. Y.—Most people foolishly seem to think they are going to get renewed health and strength from some stimulating medicine, secret nostrum or narcotic drug, said Dr. Sauer, a specialist of this city, when, as a matter of fact, real and true strength can only come from the food you eat. But people often fail to get the strength out of their food because they haven't enough iron in their blood to enable it to change food into living matter. From their weakened, nervous condition they know something is wrong but they can't tell what, so they generally commence doctoring for stomach, liver or kidney trouble or symptoms of some other ailment caused by the lack of iron in the blood. This thing may go on for years, while the patient suffers untold agony. If you are not strong or well, you owe it to yourself to make the following test: See how long you can work or how far you can walk without becoming tired. Next take two five-grain tablets of ordinary nuxated iron three times per day after meals for two weeks. Then test your strength again and see for yourself how much you have gained. I have seen dozens of nervous, run-down people who were ailing all the while, double their strength and endurance and entirely get rid of all symptoms

of dyspepsia, liver and other troubles in from ten to fourteen days' time simply by taking iron in the proper form. And this after they had in some cases been doctoring for months without obtaining any benefit. But don't take the old forms of reduced iron, iron acetate or tincture of iron simply to save a few cents. You must take iron in a form that can be easily absorbed and assimilated like nuxated iron if you want it to do you any good, otherwise it may prove worse than useless. Many an athlete or prize-fighter has won the day simply because he knew the secret of great strength and endurance and filled his blood with iron before he went into the affray, while many another has gone down to inglorious defeat simply for the lack of iron.

NOTE—Nuxated Iron recommended above by Dr. Sauer is not a patent medicine nor secret remedy, but one which is well known to druggists and whose iron constituents is widely prescribed by eminent physicians everywhere. Unlike the older inorganic iron products, it is easily assimilated, does not injure the teeth, make them black, nor upset the stomach; on the contrary, it is a most potent remedy, in nearly all forms of indigestion, as well as for nervous, run-down conditions. The Manufacturers have such great confidence in Nuxated Iron that they offer to forfeit \$100.00 to any charitable institution if they cannot take any man or woman under 60 who lacks iron and increase their strength 200 per cent. or over in four weeks' time provided they have no serious organic trouble. They also offer to refund your money if it does not at least double your strength and endurance in ten days' time. It is dispensed in this city by all good druggists.

BIRDS AS GERMICIDES.

A new appreciation of a heretofore unknown service which birds render to mankind has developed from a report of Henry W. Henshaw, chief of the Biological Survey at Washington, on research in connection with the diet of birds.

The value of birds to the farmer is plain enough. Without their checking and destructive influence, the myriads of insects which would develop in the course of time would destroy every green thing and tend to reduce the country to a state of aridity.

Their more general and direct influence in the checking of the spread of disease has not, however, been fully realized. But it is only necessary to note that 500 mosquitos have been found in the stomach of a single Nighthawk to appreciate what they are doing to keep within bounds these germ-bearing insects. Hundreds of larvae have been found in the stomach of a Killdeer, and many shore birds greedily devour the larvae of the salt-marsh mosquito. As mosquitos are known to carry the germs of such serious diseases as malaria, typhoid and dengue fever, it is evident that by destroying the insects the birds are conferring a distinct benefit on man.

Since birds perform such an invaluable service, it is clearly worth while for a community to protect them. This can be done by furnishing boxes for certain species, such as Swallows, Wrens, Martins, Great-crested Flycatchers to nest in, and the planting of berry-bearing shrubs and bushes, and the establishment of "sanctuaries" wherein the birds may be reasonably safe from their natural enemies and from disturbance by man, in order that they may breed and increase in security.

Fat People

I WILL SEND YOU A PROOF TREATMENT FREE—EITHER SEX.



My method reduces weight 3 to 6 Pounds a Week, turns illhealth into robustness, sluggishness into activity, relieves that feeling of fullness and oppression and gives other benefits in a great number of cases of over-stoutness. No starvation, no tedious exercising, no absurd "drugless" lessons, nothing to ruin the stomach. I am a regular practicing physician and a specialist in the successful reduction of superfluous

fat. My new and scientifically perfected method is intended to strengthen the heart, enabling easy breathing, quickly removing double chin, large stomach and fat hips. Write to-day for free proof treatment. I will also send you, free, my new book on obesity. Address: **Dr. F. T. BROUGH,** 636 Brough Bldg., East 22d Street, N. Y.

TOBACCO, LIQUOR or MORPHINE

Habits Easily Banished. Hill's Chloride of Gold Tablets will overcome any of these habits quickly and permanently. Perfectly harmless, cause no sickness, can be given secretly in tea or coffee. Particulars sent sealed FREE. The Ohio Chemical Works, Box 543 Swanton, Ohio.

NO JOKE TO BE DEAF



—Every Deaf Person Knows That—
I make myself hear after being deaf for 25 years with these Artificial Ear Drums. I wear them day and night. They are perfectly comfortable. No one sees them. Write me and I will tell you a true story, how I got deaf and how I make you hear.
Address GEO. P. WAY, Artificial Ear Drum CO. (Inc.)
5 Adelaide St., Detroit, Mich.



Medicated Ear Drum.
Pat. Nov. 3, 1908.

Don't Wear a Truss



BROOKS' APPLIANCE, the modern, scientific invention, the wonderful new discovery that cures rupture will be sent on trial. No obnoxious springs or pads. Has automatic Air Cushions. Binds and draws the broken parts together as you would a broken limb. No salves. No lies. Durable, cheap. **Sent on trial to prove it.** Protected by U. S. Pat. ents. Catalogue and measure blanks mailed free. Send name and address today.

C. E. BROOKS, 1784 C State Street, Marshall, Mich.

Pain Paint

full directions to make sixty 25-cent bottles. Pain Paint relieves pain; Headache, Toothache, Neuralgia; cools the parts where applied. Superficial burns will not blister. Sold 40 years ago agents.

R. L. WOLCOTT & SON, 10 Wolcott Bldg., New York

TOBACCO HABIT CONQUERED

stomach or kidney trouble, hoarseness, headaches, irritability, nervous worry, heart weakness. Avoid blindness! **Gain lasting vigor, calm nerves, better memory, clear eyes, superior mental strength. Banish spells of melancholy; avoid collapse.** If you chew, dip snuff or smoke pipe, cigarettes, cigars, get my interesting free book. Just what you have been looking for. Proved worth weight in gold to others; why not you? Overcome nicotine habit, start anew and be genuinely happy. Book mailed free. Address: **EDWARD J. WOODS, K 360 Station E., New York, N. Y.**

Write today for our 168 page **FREE Book on Deafness**

and learn how Perfect Hearing is now being restored in every condition of deafness or defective hearing. Our "Little Wireless Phones for the Ears" require no medicine but effectively replace what is lacking or defective in the natural ear drums. They are simple devices, which the wearer easily fits into the ears where they are invisible. Soft, safe and comfortable.

WILSON EAR DRUM CO., Incorporated
845 Inter-Southern Bldg. LOUISVILLE, KY.

CONSTIPATION

Causes Boils, Pimples, Blisters, Yellowness of Skin. Bad Breath, Low Spirits, Dizziness, Drowsiness, Blurred Eyesight, Bad Dreams, Nervousness, Sick Headache, Poor Circulation and Bilious Attacks.

Booth-Overton Laxative-Liver Tablets Relieve Constipation and all conditions arising therefrom. One tablet at night, once or twice a week, will make you eat, sleep and feel better.

A Reliable Home Remedy For Bilious Attacks.

They do not contain calomel or other harmful ingredients; will not make you feel sick or languid, but will make you feel full of life and ready for work.

You will not believe how gentle yet thorough their action is until you have tried them. Send 10 cents and this advertisement (No. 14) for a trial package.

Money refunded if not satisfactory.

Booth-Overton Co., 11 Broadway, New York.

PE-WEETS AND LICE.

Our porch is supported by six feet brick pillars, and a Pe-weet or Phoebe built her nest on one of these, and hatched the eggs. When the birds were several days old they were found dead in the nest. As there had been a violent wind with snow flurries, we thought that the little birds had died from the effects of the weather. The Pe-weets then built on another pillar of the porch and again had a nest of young ones, and when they were a few days old they were found dead, just like the other ones. Some of the folks thought they had been poisoned by eating poisoned insects, because we had a large orchard and were spraying the trees at that time. Then one of my brothers removed the nest and dead birds, and what do you suppose killed those birds? Lice, and nothing but lice. The nest was crawling alive with them. It was so full of lice that there wasn't room for them all, so some of them were on the pillar. Then the Pe-weets built a nest in the cow stable, and I waited until hatching time and then I powdered the nest with Pyrethrum powder, and the Pe-weets raised this nestful of little ones.

I remember when I was a little girl the Pe-weets used to build under the bridge, and I used to look in the nests, and they were always lousy. When we want to express how lousy anything is (if it is badly infested) we always say as lousy as a Pe-weet. I don't know if the Pe-weets are bothered other places as they are here, but if they are, it is not to be wondered at that they can't raise their young.

I hope this note may be the means of saving some more lousy little Pe-weets, for they are cheerful singers, and certainly the best birds for destroying insects. Anna M. Schaefer.

Essexville, Mich., Dec. 19, 1915.

CHILDREN'S CORNER.

Dear Mr. Park:—I am a little girl eight years old and live on a farm of 120 acres, within a mile of Menlo. My grandma lives with us. She is 74 years old. I have a little brother named Ralph, six years old, and we go to school in Menlo.

Menlo, Ia., Dec. 4, 1915.

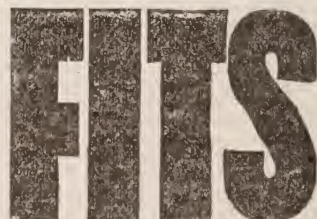
Dear Mr. Park:—I am a country girl and live on a small farm. I go to school every day and like it very much, and am in the fourth grade. In summer we have a nice flower garden, but I have no favorite flowers. My eldest sister takes your Magazine, and I like to read the Children's Corner and the poems. My eldest sister would love to exchange postcards and letters with some western girl or boy, or from someone in the New England States.

Woonsocket, R. I., R. 1, Oct. 12, 1915.

Dear Mr. Park:—I am a farmer's daughter, twenty years of age. I take your little Magazine and like it very much. I, too, am a lover of flowers. We raise a few, but it is almost too cold here in the winter to raise flowers. The flower seeds I received from you the year before last were fine and beautiful. My favorite flowers are the Rose, Tulips and Carnations. I love all flowers, but those are the most beautiful to me.

Miss Sarah F. House.

Alexis, Ill., R. 4, Nov. 4, 1915.



We have sworn statements from patients cured of Fits, Epilepsy, Falling Sickness or Convulsions by a free sample of Dr. Roof's remedy. We PAY EXPRESSAGE on FREE TRIAL BOTTLE if you CUT OUT and RETURN THIS AD in your letter. Hundreds of testimonials on file. Give age and full particulars.

Dr. F. HARVEY ROOF CO. Dept B, 1419 Sta. N, New York



Influence and control others. Make fun and money. YOU may learn! Illustrated Treatise and full particulars FREE. M. D. BETTS, Desk B Jackson, Mich.

THE ROMANCE OF THE ORCHARD.

"Good morning, Mister Apple,"
Said the fragrant, juicy Pear;
"Your cheeks so round and rosy
Show of health you have a share."
"Indeed, I have, Miss (Pear) Bartlett,
And you are looking fine;
Suppose we do get married
At the Apple picking time."
But Miss Peach, who is a rival,
Seemed as though not pleased at that,
And blushed in silent sweetness.
While Miss Pear and Apple chat.
Said Miss Peach, "I see you're lovers,
And each other's good you see,
But the people, oh! the people
Are all in love with me."
"She's right," spoke out Miss (Plum) Dam-
Most clear and smilingly, [son,"
"But I'll beat 'em all in jelly,
And folks just dote on me."
Then Miss Bartlett seemed offended,
While Miss Peach's cheeks turned red,
And Miss Plum and Mr. Apple
Ran off and quickly wed.
Though Miss Bartlett was indignant,
And with anger seemed to fill,
Miss Peach spoke out most sweetly,
"Well, the folks all love me still."

St. Louis, Mo. Albert E. Vassar.

ABOUT BIRD HOUSES.

In speaking of bird houses, Prof. Surface, of the State Department of Agriculture, Pennsylvania, says:

It must be remembered that all song and insectivorous birds do not nest in boxes, and many of them cannot be induced to do so. The chief birds that will nest in boxes are the Wrens, Martins, Bluebirds, Crested Flycatcher, Chickadee, and Tomtit. The Robin sometimes nests in an open box, but not a closed box where it must go through a hole. The English Sparrow and the Starling both nest in boxes, but these are imported and undesirable birds, and it is best to let them start to nest, and then catch them in a box and destroy them if possible.

There are just a few general rules to follow in making nesting boxes. One of these is to make the entrance at the top of one side of the box, instead of at the bottom. Another is to make only one entrance hole, but make a hole above it about one-half inch in diameter to make light. Do not have holes on opposite sides of the box, as it will cause a draught. Make the hole exactly one inch in diameter, or the size of a silver quarter, to admit the Wren, but keep out the English Sparrow. Make a hole one inch and three-quarters in diameter, for the Bluebird, and fully two and one-half inches for the Martin. For the Wrens the box can be placed in trees, or among the vines, or back of the lattice work, or attached to porch posts, or at any convenient place only a few feet from the ground. For Bluebirds they should be at least ten feet above the ground, and for Martins they should be fifteen or twenty feet above the ground, and in the open where the birds can have a free flying space. The Martins like Colonial houses, with four or more rooms to a house, so that they can be sociable. The other birds nest by single pairs only. I have seen the crested Flycatcher nest in a box with an opening of the proper size for a Bluebird, placed on a post on a grapevine. It is important that the boxes be placed where cats cannot get at them.



PARALYSIS Conquered at Last. Write for Proof.

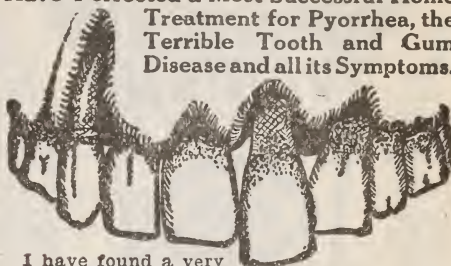
By Dr. Chase's Special Blood and Nerve Tablets.
Dr. Chase, 224 N. Tenth Street, Philadelphia, Pa.

FITS I CURED MY DAUGHTER by simple discovery. Doctors gave her up. Will send FREE S LEPSON, Island Ave., Milwaukee, Wis.

Loose Teeth Sore Gums

(PYORRHEA)

I am a Dentist of 25 years Experience. I Have Perfected a Most Successful Home Treatment for Pyorrhea, the Terrible Tooth and Gum Disease and all its Symptoms.



I have found a very successful home treatment for that terrible disease called Pyorrhea or Riggs Disease of the gums. You may have been told that there is no cure for it, that there is no cure for loose teeth, bleeding, spongy, shrinking gums and dropping out of teeth; but many who have used my home treatment say there is, AND PROVE IT.

Don't have good teeth pulled. You may save every one of them—make them firm, healthy, sound teeth again.

Hundreds of patients say Dr. Willard's home treatment stops the teeth from being loose or wobbly and that it has done so in cases where the patient could almost pull his teeth out with his fingers, where the gums were soft and spongy, bleeding and shrinking away from the teeth. You may make these conditions positively and absolutely disappear and end your Pyorrhea. There is no pain, no fussing, no waste of time.

The letters I will send you from people in all parts of the country will tell you that they now enjoy good teeth, good chewing and a good stomach once more. If you have any of the symptoms mentioned, then Pyorrhea, sometimes called Riggs Disease, is on the way—you are bound to lose your teeth and have to wear those awful false teeth, if you don't find a cure for it now. Simply send your name and address on coupon below and I will tell you all about this dreadful disease and how my simple home treatment may save your teeth, without pain and at small expense.

My Illustrated Book FREE

And Full Information

DR. F. W. WILLARD,
H-341 Powers Bldg., Chicago, Ill.

Please send me your illustrated free book on tooth and gum diseases, with information about your successful home treatment for Pyorrhea.

Name.....

Address.....

DON'T STAY FAT



To prove that ADIPO, a pleasant, harmless Obesity Treatment, will take fat off any part of the body, we will send a 50c. Box FREE to any one who is too fat. Adipo requires no exercising or dieting, nor does it interfere with your usual habits. Rheumatism, Asthma, Kidney and Heart troubles, that so often come with Obesity, improve as you reduce. Let us prove it at our expense. Write today for the FREE 50c. BOX and illustrated book, they cost you nothing. ADIPO CO., 2774, Ashland Bldg., New York

STOMACH

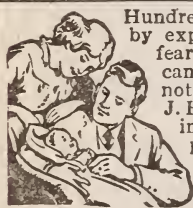


Does Your Stomach Distress You?
Is it Weak and Sore, Tender and Painful?
Do you suffer from Acute or Chronic Indigestion, Dyspepsia, Catarrh of the Stomach, Belching, Heartburn, Sour Stomach, Headache, Nervousness, Constipation or any form of Stomach, Liver, Kidney or Bowel Trouble?
Would you like to get rid of these so you could eat all you want, what you want, when you want to?

A Dollar's Worth Free

Send 10c to cover cost of packing and mailing and we will send you by return mail a full dollar's worth of our Improved Peptopad Treatment free and prepaid. No matter how severe or chronic your case is—no matter how many treatments you have tried without result, send for this Free Peptopad TODAY.
DR. G. C. YOUNG CO., Dept. 47, JACKSON, MICH.

Become A Mother



Hundreds of women have proven by experience that dread and fear are unnecessary. Pain can now be reduced to almost nothing by discoveries of Dr. J. H. Dye, life-long specialist in such cases. Book explaining fully how to bring strong, healthy children into the world with almost no pain, sent free in plain wrapper and postpaid to any woman who will send her name to Dr. J. H. Dye Medical Institute, 310 Lincoln Bldg., Buffalo, N. Y. Write for it today.

LADIES WHEN DELAYED or irregular use Triumph Pills, always dependable. "Relief" and particulars FREE. Not sold at drugstores. Write—NATIONAL MEDICAL INST., - - Milwaukee, Wis.

ASTHMA

TREATMENT sent you on Free Trial. If it cures, send \$1.00; if not, it's FREE. Give express office. Write for your treatment today. W. W. Sterline, 581 Ohio Ave., Sidney, Ohio

BED WETTING

IN CHILDREN AND Water Troubles IN OLD PEOPLE CONQUERED. SAMPLE FREE. Zemeto Co., Dept. 12, Milwaukee, Wis.

CHILDREN'S CORNER.

Dear Mr. Park: We live on a farm of 80 acres, and have eight cows which I help to milk. I walk a half mile to school. My teacher's name is Mabel D. Miller. Cards ex. Anna Hoover.
New Holland, Pa., Jan. 31, 1916.

Dear Mr. Park: I am a little girl, 11 years old, and live on a farm near Donnellson. I go a quarter of a mile to Oak Grove school, which will be out in March. The teacher's name is Viola Bandy. My sister takes your Magazine and we like it very much. Carrie Garwood.
Montgomery Co., Ill., Feb. 18, 1916.

Dear Mr. Park: I am a little girl, 9 years old. We live on a claim. My father keeps store. My mother has taken your Magazine two years and likes it very much. My mother and I both love flowers. I like the Children's letter best of all. Phyllis Scott.

Whitney, S. D., Feb. 13, 1916.

Dear Mr. Park: I am a little farmer girl, nine years old. We have thirty-four acres of land. We have a mile and a-half to go to school. I am in the fourth grade, and I go to school every day. I like my teacher very much. My teacher's name is Miss Vera Wagner. I have a little dog named Fido. We raise some flowers. I like them very much. My favorite flowers are Sweet Pea and Pansy. Cleo. J. Peters.

Ithaca, Mich., Feb. 10, 1916.

Dear Mr. Park: I am a little girl, 11 years old, and live on a farm of 190 acres. I like to go to school and am in the sixth grade. I have a little sister six years old, and she goes to school with me. I live with my grandparents, as my mother died about three months ago. I like your little Magazine very much. My favorite flowers are Roses, Pansies and Carnations. I have a pet dog named Shep. I have a buckskin pony. I like to ride him very much. My teacher's name is Ellen Ralph. There are about 23 pupils in my school. I only have a quarter of a mile to go to school. Tillie Birky.

Bancroft, Neb., Feb. 11, 1916.

CHILDREN'S CORNER.

Dear Mr. Park:—I am a little girl of 11 years, and I live on a 70-acre farm in Garland. Our house is a mile and a half from the school and two miles from Garland village. We are having vacation now, and I enjoy it. For pets I have a cat named Dot, a kitten named Marie, a pretty bantam hen, a calf, and a flock of bantam chickens. I like to play with all of these very much, and I call the calf Spunks. We have four cows, one horse, a calf and pig. In the spring-time, here, the woods that wholly surround our farm are beautiful with wild flowers, and almost every evening after school my sister and I go gathering them. I love birds and flowers, and I like to draw and paint them, too. My favorite flowers are Pansies, Sweet Peas, Roses and Carnations. We have them all this year. My mother has taken your Magazine for about a year, and I like to read the Children's Corner. I am quite sure that I know the answer to this riddle:

As I went through the garden gap,
I met there Dick in a red cap.
With a stick in his hand and a stone in his throat,
If you unriddle this I will give you a goat.

Here is a riddle that has the same answer:

Come a riddle, come a riddle, come a rote, tote, tote,
I met a little man with a red, red coat,
With a staff in his hand, and a stone in his throat,
Come a riddle, come a riddle, come a rote, tote, tote.

The answer to both is: A cherry.

Garland, Me.

Ada Guppy.

VALUABLE BOOK FOR WOMEN

Women readers of this publication are requested to write for Dr. Southington's latest book. It contains valuable information regarding Dr. Southington's remedies used by thousands of women the past 19 years. Write for Free Copy.
DR. P. D. SOUTHWINGTON, 203 Nelson Bldg., Kansas City, Mo.

CANCER

Treated at home. No pain, knife, plaster or oils. Send for Free treatise.
A. J. Miller, M. D., St. Louis, Mo.

POST CARDS EXCHANGED.

Under this head I have inserted the names and addresses of persons who propose card exchanges, but many have complained that some do not respond. It is manifestly unfair and dishonest to propose an exchange and not respond to those who answer it.—Editor.

Jennie Tipps, R. 3, Blum, Tex.
Lucile Greenwalt, Lapel, Ind.
Evelyn Rumsey, R. 3, Longton, Kans.
Roberta Wilson, R. 2, Parkton, Md.
Annie Varner, R. 1, Powersville, Mo.
Maud M. Bryant, 937 Comanche Ave., Clinton, Ia.
Herman Augsperger, Pulaski, Va.
Sadie M. Schneider, Larimer, Pa.
Almena Belvea, Mapleton, Me.
Elizabeth L. Murphy, Glenwood, Ind.
Kathryn Rosenberry, Skippack, Pa.
Gracie Overpelt, R. 1, Rockymount, Va.
Aurore Rattie, R. 1, Woonsocket, R. I.
Sarah F. House, R. 4, Alexis, Ill.
Bessie Mayfield, R. 3, Mannington, W. Va.
Hazel Jocelyn, Eden, Md.
Miss Ols Myers, R. 4, Conway, Mo.
Miss Florence Lusk, R. 4, Conway, Mo.
Timothy Young, R. 4, Box 56, Conway, Mo.
Ira M. Young, R. 4, Conway, Mo.
Orrel Myers, R. 4, Conway, Mo.
Mildred Basore, Valley Center, Kas.
P. A. Collins, 1523 North St., Texarkana, Tex.
L. Y. Martz, R. 3, Box 97, Brookville, Pa.
J. Russell Howell, 67 Brown St., E. Stroudsburg, Pa.
Onie Bailey, R. 6, Box 26, Lancaster, S. C.
Clara E. Rice, Blackduck, Minn.
Ethel Zimmerman, Blackduck, Minn.
Fred Hanford, Schofield, Wis.
Lewis Jorden, Woods, W. Va.
Mrs. Kate J. Beaver, Box 23, Fredericksburg, Pa.
Ella Cornell, Jerome, Ida.
Miss Isabelle Donahue, Birdseye, Ind.
Charles S. Cearley, R. 2, Box 50, Big Cabin, Okla.
George E. Marsh, Station G, Toledo, O.
Miss Mabel Mockerman, R. 2, Fife Lake, Mich.

CHILDREN'S CORNER.

Dear Mr. Park:—I am a little girl seven years old, and am in the second grade at school. My grandpa takes your Magazine, and I like to read the Children's Corner. I help my grandpa in the garden when he makes his onion bed, and he gives me a little bed to plant onions.

Bethlehem, Pa., Jan. 12, 1915. Ella B. Erwin.

Dear Mr. Park:—I am thirteen years of age and live on a farm of about 25 acres. My mother has taken your Magazine for a number of years. I am interested in the Children's Corner, and look forward to the coming of your Magazine each month. I intend to have a flower garden this spring.

Skippack, Pa., Jan. 19, 1915.

Dear Mr. Park:—I have just been reading some letters in Children's Corner. I enjoy them so much. I live in a village, where my father is president of the bank and has a store. I have a little pony named Prince, and he is very cute and playful. I have a flower garden, and the flowers are very pretty in the summer time. My favorite flowers are Carnations, Hyacinths and Daffodils. Mamma has been taking Park's Magazine for a long time.

Stem, N. C., Jan. 16, 1915.

Dear Mr. Park: I have taken your Magazine about two years, and certainly enjoy it. I live on a small farm, and I have been going to school for eight winters. I haven't been late or absent for five winters. I live near the Church of Christ, and never miss a Sunday, unless I have to. I am 14 years old, and weigh 110 pounds.

Glenwood, W. Va., Feb. 16, 1916.

STOPS TOBACCO HABIT.

Elders' Sanitarium, located at 536 Main St., St. Joseph, Mo., has published a book showing the deadly effect of the tobacco habit, and how it can be stopped in three to five days.

As they are distributing this book free anyone wanting a copy should send their name and address at once.

RHEUMATISM

I WAS CURED

And I Will Gladly Give to Every
Sufferer Who Applies For
It Promptly, a

LIBERAL TREATMENT FREE

I suffered from Rheumatism nearly all my life. It became worse and finally developed into a **terribly** painful, chronic case. For one



year I was crippled up and practically helpless. My joints were swollen and distorted and I could not rest or sleep. My weight dropped from 189 to 118 pounds. I was "down and out," and my friends thought I could not live. I took treatments of all kinds—baths, diet, electric, chiropractic and Christian Science Treatments. I swallowed hundreds of pills, powders and tablets—I took quarts of doctors' and drug store medicines. Drafts, plasters, oils and liniments didn't cure me—nothing seemed to help me until a friend told me of a home treatment which had cured him. I used this treatment and it also

Cured Me Quickly and Completely

I have never since had even one Rheumatic ache or pain. My weight came back to normal, and I am as active as ever and perfectly healthy in every way. Therefore don't say "Rheumatism can't be cured," for **it has been cured**. This same treatment has also cured many others here in Jackson and elsewhere. I will gladly send a generous supply of my treatment **free and postpaid** to any sufferer who applies for it. With this free treatment I shall send the illustrated, published account of my condition and cure.

Send No Money

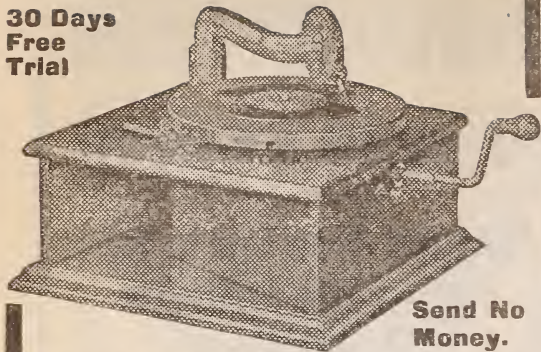
just your name, that's all. I ask no promise or obligation to pay for this free treatment. Out of my gratitude and thankfulness for being cured, I send it free and it shall not cost you a penny now or hereafter. Your name and address on a postal card will be all right. Send for the free treatment TODAY.

Charles D. Tinker, Dept. 16, Jackson, Mich.

SORE LEGS HEALED

Open Legs, Ulcers, Enlarged Veins, Eczema healed while you work. Write for book, "How to Heal my Sore Legs at Home." Describe your case. A.C. LIEPE, 1460 Green Bay Avenue, MILWAUKEE, WU IS

30 Days
Free
Trial



Send No
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